

This worksheet applies to AccuLoad II operating with STM-00 and above firmware. (Refer to Operator Reference Manual MN06088L for complete program entry descriptions.)

Security Access Code: _____

Company Name: _____

Prepared By: _____

Date: _____

Unit/Meter No.: _____

Location: _____



Table of Contents

System Directories	1
System Configuration Directory	1
System General Purpose Directory	22
System Flow Control Directory	25
System Volume Accuracy Directory	25
System Temperature & Density Directory.....	26
System Pressure Directory.....	26
System Read Only Directory	26
System Communication Directory	27
System Input/Output Directory	33
System Diagnostic Directory	37
Product Directories.....	39
Product General Purpose Directory.....	39
Product Flow Control Directory.....	39
Product Volume Accuracy Directory	40
Product Temperature & Density Directory	43
Product Pressure Directory	44
Product Read Only Directory.....	44
Product Communications Directory	45
Inputs & Outputs Directory	45
Diagnostics Directory	46
Appendix I.....	47
Appendix II.....	50
Appendix III.....	57

Program Code	Function Code	Description	Entry	Program Code
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System Directories

000			System Configuration Directory	
001	Number of Products	Enter:	"1" One Product "2" Two Products "3" Three Products "4" Four Products	001
002	AC Output Relay 1 Terminals 89 & 90	Enter:	"00" No Assignment (N/A) "01" Additive Relay 1 (ADD1) "02" Additive Relay 2 (ADD2) "03" Additive Relay 3 (ADD3) "04" Additive Relay 4 (ADD4) "05" Additive Relay 5 (ADD5) "06" Additive Relay 6 (ADD6) "07" Additive Relay 7 (ADD7) "08" Additive Relay 8 (ADD8) "09" Additive Pump 1 (ADP1) "10" Additive Pump 2 (ADP2) "11" Additive Pump 3 (ADP3) "12" Additive Pump 4 (ADP4) "13" Additive Pump 5 (ADP5) "14" Additive Pump 6 (ADP6) "15" Additive Pump 7 (ADP7) "16" Additive Pump 8 (ADP8) "17" Alarm Relay (ALR)	002

Note: When using three or four products this relay must be programmed "00" (No Assignment).

003	AC Output Relay 2 Terminals 91 & 92	Enter:	"00" No Assignment (N/A) "01" Additive Relay 1 (ADD1) "02" Additive Relay 2 (ADD2) "03" Additive Relay 3 (ADD3) "04" Additive Relay 4 (ADD4) "05" Additive Relay 5 (ADD5) "06" Additive Relay 6 (ADD6) "07" Additive Relay 7 (ADD7) "08" Additive Relay 8 (ADD8) "09" Additive Pump 1 (ADP1) "10" Additive Pump 2 (ADP2) "11" Additive Pump 3 (ADP3) "12" Additive Pump 4 (ADP4) "13" Additive Pump 5 (ADP5) "14" Additive Pump 6 (ADP6) "15" Additive Pump 7 (ADP7) "16" Additive Pump 8 (ADP8) "17" Alarm Relay (ALR)	003
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Note: When using three or four products this relay must be programmed "00" (No Assignment).

Program Code	Function Code	Description	Entry	Program Code
004	AC Output Relay 3 Terminals 93 & 94	Enter: "00" No Assignment "01" Additive Relay 1 "02" Additive Relay 2 "03" Additive Relay 3 "04" Additive Relay 4 "05" Additive Relay 5 "06" Additive Relay 6 "07" Additive Relay 7 "08" Additive Relay 8 "09" Additive Pump 1 "10" Additive Pump 2 "11" Additive Pump 3 "12" Additive Pump 4 "13" Additive Pump 5 "14" Additive Pump 6 "15" Additive Pump 7 "16" Additive Pump 8 "17" Alarm Relay "18" Invalid Assignment "19" Invalid Assignment "20" Invalid Assignment "21" Invalid Assignment	(N/A) (ADD1) (ADD2) (ADD3) (ADD4) (ADD5) (ADD6) (ADD7) (ADD8) (ADP1) (ADP2) (ADP3) (ADP4) (ADP5) (ADP6) (ADP7) (ADP8) (ALR)	004
005	AC Output Relay 4 Terminals 95 & 96	Enter: "00" No Assignment "01" Additive Relay 1 "02" Additive Relay 2 "03" Additive Relay 3 "04" Additive Relay 4 "05" Additive Relay 5 "06" Additive Relay 6 "07" Additive Relay 7 "08" Additive Relay 8 "09" Additive Pump 1 "10" Additive Pump 2 "11" Additive Pump 3 "12" Additive Pump 4 "13" Additive Pump 5 "14" Additive Pump 6 "15" Additive Pump 7 "16" Additive Pump 8 "17" Alarm Relay "18" Invalid Assignment "19" Invalid Assignment "20" Invalid Assignment "21" Invalid Assignment "22" General Relay	(N/A) (ADD1) (ADD2) (ADD3) (ADD4) (ADD5) (ADD6) (ADD7) (ADD8) (ADP1) (ADP2) (ADP3) (ADP4) (ADP5) (ADP6) (ADP7) (ADP8) (ALR) (GEN)	005

Program Code	Function Code	Description	Entry	Program Code
006	AC Output Relay 5 Terminals 87 & 88	Enter: "00" No Assignment "01" Additive Relay 1 "02" Additive Relay 2 "03" Additive Relay 3 "04" Additive Relay 4 "05" Additive Relay 5 "06" Additive Relay 6 "07" Additive Relay 7 "08" Additive Relay 8 "09" Additive Pump 1 "10" Additive Pump 2 "11" Additive Pump 3 "12" Additive Pump 4 "13" Additive Pump 5 "14" Additive Pump 6 "15" Additive Pump 7 "16" Additive Pump 8 "17" Alarm Relay "18" Pump-Product 1 "19" Pump-Product 2 "20" Pump-Product 3 "21" Pump-Product 4	(N/A) (ADD1) (ADD2) (ADD3) (ADD4) (ADD5) (ADD6) (ADD7) (ADD8) (ADP1) (ADP2) (ADP3) (ADP4) (ADP5) (ADP6) (ADP7) (ADP8) (ALR) (PMP1) (PMP2) (PMP3) (PMP4) _ _	006
007	AC Output Relay 6 Terminals 84 & 85	Enter: "00" No Assignment "01" Additive Relay 1 "02" Additive Relay 2 "03" Additive Relay 3 "04" Additive Relay 4 "05" Additive Relay 5 "06" Additive Relay 6 "07" Additive Relay 7 "08" Additive Relay 8 "09" Additive Pump 1 "10" Additive Pump 2 "11" Additive Pump 3 "12" Additive Pump 4 "13" Additive Pump 5 "14" Additive Pump 6 "15" Additive Pump 7 "16" Additive Pump 8 "17" Alarm Relay "18" Pump-Product 1 "19" Pump-Product 2 "20" Pump-Product 3 "21" Pump-Product 4	(N/A) (ADD1) (ADD2) (ADD3) (ADD4) (ADD5) (ADD6) (ADD7) (ADD8) (ADP1) (ADP2) (ADP3) (ADP4) (ADP5) (ADP6) (ADP7) (ADP8) (ALR) (PMP1) (PMP2) (PMP3) (PMP4) _ _	007

Program Code	Function Code	Description	Entry	Program Code
008	AC Output Relay 7 Terminals 124 & 125	Enter: "00" No Assignment "01" Additive Relay 1 "02" Additive Relay 2 "03" Additive Relay 3 "04" Additive Relay 4 "05" Additive Relay 5 "06" Additive Relay 6 "07" Additive Relay 7 "08" Additive Relay 8 "09" Additive Pump 1 "10" Additive Pump 2 "11" Additive Pump 3 "12" Additive Pump 4 "13" Additive Pump 5 "14" Additive Pump 6 "15" Additive Pump 7 "16" Additive Pump 8 "17" Alarm Relay	(N/A) (ADD1) (ADD2) (ADD3) (ADD4) (ADD5) (ADD6) (ADD7) (ADD8) (ADP1) (ADP2) (ADP3) (ADP4) (ADP5) (ADP6) (ADP7) (ADP8) (ALR) _ _	008

Note: When using four products this relay must be programmed "00" (No Assignment).

009	AC Output Relay 8 Terminals 126 & 127	Enter: "00" No Assignment "01" Additive Relay 1 "02" Additive Relay 2 "03" Additive Relay 3 "04" Additive Relay 4 "05" Additive Relay 5 "06" Additive Relay 6 "07" Additive Relay 7 "08" Additive Relay 8 "09" Additive Pump 1 "10" Additive Pump 2 "11" Additive Pump 3 "12" Additive Pump 4 "13" Additive Pump 5 "14" Additive Pump 6 "15" Additive Pump 7 "16" Additive Pump 8 "17" Alarm Relay	(N/A) (ADD1) (ADD2) (ADD3) (ADD4) (ADD5) (ADD6) (ADD7) (ADD8) (ADP1) (ADP2) (ADP3) (ADP4) (ADP5) (ADP6) (ADP7) (ADP8) (ALR) _ _	009
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Note: When using four products this relay must be programmed "00" (No Assignment).

Program Code	Function Code	Description	Entry	Program Code
010	AC Output Relay 9 Terminals 128 & 129	Enter: "00" No Assignment "01" Additive Relay 1 "02" Additive Relay 2 "03" Additive Relay 3 "04" Additive Relay 4 "05" Additive Relay 5 "06" Additive Relay 6 "07" Additive Relay 7 "08" Additive Relay 8 "09" Additive Pump 1 "10" Additive Pump 2 "11" Additive Pump 3 "12" Additive Pump 4 "13" Additive Pump 5 "14" Additive Pump 6 "15" Additive Pump 7 "16" Additive Pump 8 "17" Alarm Relay "18" Invalid Assignment "19" Invalid Assignment "20" Invalid Assignment "21" Invalid Assignment	(N/A) (ADD1) (ADD2) (ADD3) (ADD4) (ADD5) (ADD6) (ADD7) (ADD8) (ADP1) (ADP2) (ADP3) (ADP4) (ADP5) (ADP6) (ADP7) (ADP8) (ALR)	010
011	AC Output Relay 10 Terminals 130 & 131	Enter: "00" No Assignment "01" Additive Relay 1 "02" Additive Relay 2 "03" Additive Relay 3 "04" Additive Relay 4 "05" Additive Relay 5 "06" Additive Relay 6 "07" Additive Relay 7 "08" Additive Relay 8 "09" Additive Pump 1 "10" Additive Pump 2 "11" Additive Pump 3 "12" Additive Pump 4 "13" Additive Pump 5 "14" Additive Pump 6 "15" Additive Pump 7 "16" Additive Pump 8 "17" Alarm Relay "18" Invalid Assignment "19" Invalid Assignment "20" Invalid Assignment "21" Invalid Assignment "22" General Relay	(N/A) (ADD1) (ADD2) (ADD3) (ADD4) (ADD5) (ADD6) (ADD7) (ADD8) (ADP1) (ADP2) (ADP3) (ADP4) (ADP5) (ADP6) (ADP7) (ADP8) (ALR)	011
012	AC Output Relay 11 Terminals 121 & 122	Enter: "00" No Assignment "01" Additive Relay 1 "02" Additive Relay 2 "03" Additive Relay 3 "04" Additive Relay 4 "05" Additive Relay 5 "06" Additive Relay 6 "07" Additive Relay 7 "08" Additive Relay 8 "09" Additive Pump 1 "10" Additive Pump 2	(N/A) (ADD1) (ADD2) (ADD3) (ADD4) (ADD5) (ADD6) (ADD7) (ADD8) (ADP1) (ADP2)	012

Program Code	Function Code	Description	Entry	Program Code
		"11" Additive Pump 3	(ADP3)	
		"12" Additive Pump 4	(ADP4)	
		"13" Additive Pump 5	(ADP5)	
		"14" Additive Pump 6	(ADP6)	
		"15" Additive Pump 7	(ADP7)	
		"16" Additive Pump 8	(ADP8)	
		"17" Alarm Relay	(ALR)	
		"18" Pump-Product 1	(PMP1)	
		"19" Pump-Product 2	(PMP2)	
		"20" Pump-Product 3	(PMP3)	
		"21" Pump-Product 4	(PMP4)	
013	AC Output Relay 12 Terminals 119 & 120	Enter: "00" No Assignment	(N/A)	013
		"01" Additive Relay 1	(ADD1)	
		"02" Additive Relay 2	(ADD2)	
		"03" Additive Relay 3	(ADD3)	
		"04" Additive Relay 4	(ADD4)	
		"05" Additive Relay 5	(ADD5)	
		"06" Additive Relay 6	(ADD6)	
		"07" Additive Relay 7	(ADD7)	
		"08" Additive Relay 8	(ADD8)	
		"09" Additive Pump 1	(ADP1)	
		"10" Additive Pump 2	(ADP2)	
		"11" Additive Pump 3	(ADP3)	
		"12" Additive Pump 4	(ADP4)	
		"13" Additive Pump 5	(ADP5)	
		"14" Additive Pump 6	(ADP6)	
		"15" Additive Pump 7	(ADP7)	
		"16" Additive Pump 8	(ADP8)	
		"17" Alarm Relay	(ALR)	
		"18" Pump-Product 1	(PMP1)	
		"19" Pump-Product 2	(PMP2)	
		"20" Pump-Product 3	(PMP3)	
		"21" Pump-Product 4	(PMP4)	
014	DC Output Relay 1 Terminals 9 & 10 (w/o Quad OPV)	Enter: "00" No Assignment	(N/A)	014
		"01" Additive Relay 1	(ADD1)	
		"02" Additive Relay 2	(ADD2)	
		"03" Additive Relay 3	(ADD3)	
		"04" Additive Relay 4	(ADD4)	
		"05" Additive Relay 5	(ADD5)	
		"06" Additive Relay 6	(ADD6)	
		"07" Additive Relay 7	(ADD7)	
		"08" Additive Relay 8	(ADD8)	
		"09" Additive Pump 1	(ADP1)	
		"10" Additive Pump 2	(ADP2)	
		"11" Additive Pump 3	(ADP3)	
		"12" Additive Pump 4	(ADP4)	
		"13" Additive Pump 5	(ADP5)	
		"14" Additive Pump 6	(ADP6)	
		"15" Additive Pump 7	(ADP7)	
		"16" Additive Pump 8	(ADP8)	
		"17" Pulse Output	(POT1)	

Note: If Pulse Output "17" is selected for this relay the output will be for product #1.

Program Code	Function Code	Description	Entry	Program Code
015	DC Output Relay 2 Terminals 57 & 58 (w/o Quad OPV)	Enter: "00" No Assignment	(N/A)	015
		"01" Additive Relay 1	(ADD1)	
		"02" Additive Relay 2	(ADD2)	
		"03" Additive Relay 3	(ADD3)	
	Terminals 15 & 14 (on Quad OPV)	"04" Additive Relay 4	(ADD4)	
		"05" Additive Relay 5	(ADD5)	
		"06" Additive Relay 6	(ADD6)	
		"07" Additive Relay 7	(ADD7)	
		"08" Additive Relay 8	(ADD8)	
		"09" Additive Pump 1	(ADP1)	
		"10" Additive Pump 2	(ADP2)	
		"11" Additive Pump 3	(ADP3)	
		"12" Additive Pump 4	(ADP4)	
		"13" Additive Pump 5	(ADP5)	
		"14" Additive Pump 6	(ADP6)	
		"15" Additive Pump 7	(ADP7)	
		"16" Additive Pump 8	(ADP8)	
		"17" Pulse Output	(POT2)	

Note: If Pulse Output "17" is selected for this relay the output will be for product #2.

016	DC Output Relay 3 Terminals 13 & 12 on Quad OPV	Enter: "00" No Assignment	(N/A)	016
		"01" Additive Relay 1	(ADD1)	
		"02" Additive Relay 2	(ADD2)	
		"03" Additive Relay 3	(ADD3)	
		"04" Additive Relay 4	(ADD4)	
		"05" Additive Relay 5	(ADD5)	
		"06" Additive Relay 6	(ADD6)	
		"07" Additive Relay 7	(ADD7)	
		"08" Additive Relay 8	(ADD8)	
		"09" Additive Pump 1	(ADP1)	
		"10" Additive Pump 2	(ADP2)	
		"11" Additive Pump 3	(ADP3)	
		"12" Additive Pump 4	(ADP4)	
		"13" Additive Pump 5	(ADP5)	
		"14" Additive Pump 6	(ADP6)	
		"15" Additive Pump 7	(ADP7)	
		"16" Additive Pump 8	(ADP8)	
		"17" Pulse Output	(POT3)	

Note: This code is only available for use if the Quad OPV option has been purchased with the AccuLoad II.

Note: If Pulse Output "17" is selected for this relay the output will be for product #3.

Program Code	Function Code	Description	Entry	Program Code
017	DC Output Relay 4 Terminals 17 & 16 on Quad OPV	Enter: "00" No Assignment "01" Additive Relay 1 "02" Additive Relay 2 "03" Additive Relay 3 "04" Additive Relay 4 "05" Additive Relay 5 "06" Additive Relay 6 "07" Additive Relay 7 "08" Additive Relay 8 "09" Additive Pump 1 "10" Additive Pump 2 "11" Additive Pump 3 "12" Additive Pump 4 "13" Additive Pump 5 "14" Additive Pump 6 "15" Additive Pump 7 "16" Additive Pump 8 "17" Pulse Output	(N/A) (ADD1) (ADD2) (ADD3) (ADD4) (ADD5) (ADD6) (ADD7) (ADD8) (ADP1) (ADP2) (ADP3) (ADP4) (ADP5) (ADP6) (ADP7) (ADP8) (POT4)	017

Note: This code is only available for use if the Quad OPV option has been purchased with the AccuLoad II.

Note: If Pulse Output "17" is selected for this relay the output will be for product #4

018	AC Input 1 Terminals 98 & 101	Enter: "00" No Assignment "01" Additive Feedback 1 "02" Additive Feedback 2 "03" Additive Feedback 3 "04" Additive Feedback 4 "05" Additive Feedback 5 "06" Additive Feedback 6 "07" Additive Feedback 7 "08" Additive Feedback 8 "09" First/Second High Flow "10" Printer Tray Switch Product 1 "11" Printer Tray Switch Product 2 "12" Printer Tray Switch Product 3 "13" Printer Tray Switch Product 4 "14" Permissive 1 Contact "15" Permissive 2 Contact "16" Invalid Assignment "17" Invalid Assignment "18" Product 1 Permissive "19" Product 2 Permissive "20" Product 3 Permissive "21" Product 4 Permissive "22" Valve Power "23" Valve Stem-Product 1 "24" Valve Stem-Product 2 "25" Valve Stem-Product 3 "26" Valve Stem-Product 4 "27" Master Reset	(N/A) (AFB1) (AFB2) (AFB3) (AFB4) (AFB5) (AFB6) (AFB7) (AFB8) (FSC) (PTS1) (PTS2) (PTS3) (PTS4) (PRC1) (PRC2) (PPR1) (PPR2) (PPR3) (PPR4) (VPW) (VST1) (VST2) (VST3) (VST4) (MRST)	018
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Program Code	Function Code	Description	Entry	Program Code
019	AC Input 2 Terminals 99 & 101	Enter: "00" No Assignment	(N/A)	019
		"01" Additive Feedback 1	(AFB1)	
		"02" Additive Feedback 2	(AFB2)	
		"03" Additive Feedback 3	(AFB3)	
		"04" Additive Feedback 4	(AFB4)	
		"05" Additive Feedback 5	(AFB5)	
		"06" Additive Feedback 6	(AFB6)	
		"07" Additive Feedback 7	(AFB7)	
		"08" Additive Feedback 8	(AFB8)	
		"09" First/Second High Flow	(FSC)	
		"10" Printer Tray Switch Product 1	(PTS1)	
		"11" Printer Tray Switch Product 2	(PTS2)	
		"12" Printer Tray Switch Product 3	(PTS3)	
		"13" Printer Tray Switch Product 4	(PTS4)	
		"14" Permissive 1 Contact	(PRC1)	
		"15" Permissive 2 Contact	(PRC2)	
		"16" Invalid Assignment		
		"17" Invalid Assignment		
		"18" Product 1 Permissive	(PPR1)	
		"19" Product 2 Permissive	(PPR2)	
		"20" Product 3 Permissive	(PPR4)	
		"21" Product 4 Permissive	(PPR4)	
		"22" Valve Power	(VPW)	
		"23" Valve Stem-Product 1	(VST1)	
		"24" Valve Stem-Product 2	(VST2)	
		"25" Valve Stem-Product 3	(VST3)	
		"26" Valve Stem-Product 4	(VST4)	
"27" Master Reset	(MRST)	— —		
020	AC Input 3 Terminals 100 & 101	Enter: "00" No Assignment	(N/A)	020
		"01" Additive Feedback 1	(AFB1)	
		"02" Additive Feedback 2	(AFB2)	
		"03" Additive Feedback 3	(AFB3)	
		"04" Additive Feedback 4	(AFB4)	
		"05" Additive Feedback 5	(AFB5)	
		"06" Additive Feedback 6	(AFB6)	
		"07" Additive Feedback 7	(AFB7)	
		"08" Additive Feedback 8	(AFB8)	
		"09" First/Second High Flow	(FSC)	
		"10" Printer Tray Switch Product 1	(PTS1)	
		"11" Printer Tray Switch Product 2	(PTS2)	
		"12" Printer Tray Switch Product 3	(PTS3)	
		"13" Printer Tray Switch Product 4	(PTS4)	
		"14" Permissive 1 Contact	(PRC1)	
		"15" Permissive 2 Contact	(PRC2)	
		"16" Invalid Assignment		
		"17" Invalid Assignment		
		"18" Product 1 Permissive	(PPR1)	
		"19" Product 2 Permissive	(PPR2)	
		"20" Product 3 Permissive	(PPR4)	
		"21" Product 4 Permissive	(PPR4)	
		"22" Valve Power	(VPW)	
		"23" Valve Stem-Product 1	(VST1)	
		"24" Valve Stem-Product 2	(VST2)	
		"25" Valve Stem-Product 3	(VST3)	
		"26" Valve Stem-Product 4	(VST4)	
"27" Master Reset	(MRST)	— —		

Program Code	Function Code	Description	Entry	Program Code
021	AC Input 4 Terminals 103 & 105	Enter: "00" No Assignment	(N/A)	021
		"01" Additive Feedback 1	(AFB1)	
		"02" Additive Feedback 2	(AFB2)	
		"03" Additive Feedback 3	(AFB3)	
		"04" Additive Feedback 4	(AFB4)	
		"05" Additive Feedback 5	(AFB5)	
		"06" Additive Feedback 6	(AFB6)	
		"07" Additive Feedback 7	(AFB7)	
		"08" Additive Feedback 8	(AFB8)	
		"09" First/Second High Flow	(FSC)	
		"10" Printer Tray Switch - Product 1	(PTS1)	
		"11" Printer Tray Switch - Product 2	(PTS2)	
		"12" Printer Tray Switch - Product 3	(PTS3)	
		"13" Printer Tray Switch - Product 4	(PTS4)	
		"14" Permissive 1 Contact	(PRC1)	
		"15" Permissive 2 Contact	(PRC2)	
		"16" Remote Start	(STR)	
		"17" Invalid Assignment		
		"18" Product 1 Permissive	(PPR1)	
		"19" Product 2 Permissive	(PPR2)	
		"20" Product 3 Permissive	(PPR3)	
		"21" Product 4 Permissive	(PPR4)	
		"22" Valve Power	(VPW)	
		"23" Valve Stem-Product 1	(VST1)	
		"24" Valve Stem-Product 2	(VST2)	
		"25" Valve Stem-Product 3	(VST3)	
		"26" Valve Stem-Product 4	(VST4)	
		"27" Master Reset	(MRST) _ _ _	

Note: For "Remote Start" operation on side one this code must be programmed "16" (Remote Start) and jumpers must be installed as shown in the Installation Manual (MN06086).

022	AC Input 5 Terminals 104 & 105	Enter: "00" No Assignment	(N/A)	022
		"01" Additive Feedback 1	(AFB1)	
		"02" Additive Feedback 2	(AFB2)	
		"03" Additive Feedback 3	(AFB3)	
		"04" Additive Feedback 4	(AFB4)	
		"05" Additive Feedback 5	(AFB5)	
		"06" Additive Feedback 6	(AFB6)	
		"07" Additive Feedback 7	(AFB7)	
		"08" Additive Feedback 8	(AFB8)	
		"09" First/Second High Flow	(FSC)	
		"10" Printer Tray Switch - Product 1	(PTS1)	
		"11" Printer Tray Switch - Product 2	(PTS2)	
		"12" Printer Tray Switch - Product 3	(PTS3)	
		"13" Printer Tray Switch - Product 4	(PTS4)	
		"14" Permissive 1 Contact	(PRC1)	
		"15" Permissive 2 Contact	(PRC2)	
		"16" Invalid Assignment		
		"17" Remote Stop	(STP)	
		"18" Product 1 Permissive	(PPR1)	
		"19" Product 2 Permissive	(PPR2)	
		"20" Product 3 Permissive	(PPR3)	
		"21" Product 4 Permissive	(PPR4)	
		"22" Valve Power	(VPW)	
		"23" Valve Stem-Product 1	(VST1)	
		"24" Valve Stem-Product 2	(VST2)	
		"25" Valve Stem-Product 3	(VST3)	
		"26" Valve Stem-Product 4	(VST4)	

Program				Program
Code	Function Code	Description	Entry	Code
		"25" Valve Stem-Product 3	(VST3)	
		"26" Valve Stem-Product 4	(VST4)	
		"27" Master Reset	(MRST) _ _	
025	AC Input 8 Terminals 107 & 109	Enter: "00" No Assignment	(N/A)	025
		"01" Additive Feedback 1	(AFB1)	
		"02" Additive Feedback 2	(AFB2)	
		"03" Additive Feedback 3	(AFB3)	
		"04" Additive Feedback 4	(AFB4)	
		"05" Additive Feedback 5	(AFB5)	
		"06" Additive Feedback 6	(AFB6)	
		"07" Additive Feedback 7	(AFB7)	
		"08" Additive Feedback 8	(AFB8)	
		"09" First/Second High Flow	(FSC)	
		"10" Printer Tray Switch Product 1	(PTS1)	
		"11" Printer Tray Switch Product 2	(PTS2)	
		"12" Printer Tray Switch Product 3	(PTS3)	
		"13" Printer Tray Switch Product 4	(PTS4)	
		"14" Permissive 1 Contact	(PRC1)	
		"15" Permissive 2 Contact	(PRC2)	
		"16" Invalid Assignment		
		"17" Invalid Assignment		
		"18" Product 1 Permissive	(PPR1)	
		"19" Product 2 Permissive	(PPR2)	
		"20" Product 3 Permissive	(PPR3)	
		"21" Product 4 Permissive	(PPR4)	
		"22" Valve Power	(VPW)	
		"23" Valve Stem-Product 1	(VST1)	
		"24" Valve Stem-Product 2	(VST2)	
		"25" Valve Stem-Product 3	(VST3)	
		"26" Valve Stem-Product 4	(VST4)	
		"27" Master Reset	(MRST) _ _	

Program Code	Function Code	Description	Entry	Program Code
026	AC Input 9 Terminals 108 & 109	Enter: "00" No Assignment	(N/A)	026
		"01" Additive Feedback 1	(AFB1)	
		"02" Additive Feedback 2	(AFB2)	
		"03" Additive Feedback 3	(AFB3)	
		"04" Additive Feedback 4	(AFB4)	
		"05" Additive Feedback 5	(AFB5)	
		"06" Additive Feedback 6	(AFB6)	
		"07" Additive Feedback 7	(AFB7)	
		"08" Additive Feedback 8	(AFB8)	
		"09" First/Second High Flow	(FSC)	
		"10" Printer Tray Switch Product 1	(PTS1)	
		"11" Printer Tray Switch Product 2	(PTS2)	
		"12" Printer Tray Switch Product 3	(PTS3)	
		"13" Printer Tray Switch Product 4	(PTS4)	
		"14" Permissive 1 Contact	(PRC1)	
		"15" Permissive 2 Contact	(PRC2)	
		"16" Invalid Assignment		
		"17" Invalid Assignment		
		"18" Product 1 Permissive	(PPR1)	
		"19" Product 2 Permissive	(PPR2)	
		"20" Product 3 Permissive	(PPR3)	
		"21" Product 4 Permissive	(PPR4)	
		"22" Valve Power	(VPW)	
		"23" Valve Stem-Product 1	(VST1)	
		"24" Valve Stem-Product 2	(VST2)	
		"25" Valve Stem-Product 3	(VST3)	
		"26" Valve Stem-Product 4	(VST4)	
		"27" Master Reset	(MRST) _ _ _	

Program Code	Function Code	Description	Entry	Program Code
027	AC Input 10 Terminals 110 & 112	Enter: "00" No Assignment	(N/A)	027
		"01" Additive Feedback 1	(AFB1)	
		"02" Additive Feedback 2	(AFB2)	
		"03" Additive Feedback 3	(AFB3)	
		"04" Additive Feedback 4	(AFB4)	
		"05" Additive Feedback 5	(AFB5)	
		"06" Additive Feedback 6	(AFB6)	
		"07" Additive Feedback 7	(AFB7)	
		"08" Additive Feedback 8	(AFB8)	
		"09" First/Second High Flow	(FSC)	
		"10" Printer Tray Switch - Product 1	(PTS1)	
		"11" Printer Tray Switch - Product 2	(PTS2)	
		"12" Printer Tray Switch - Product 3	(PTS3)	
		"13" Printer Tray Switch - Product 4	(PTS4)	
		"14" Permissive 1 Contact	(PRC1)	
		"15" Permissive 2 Contact	(PRC2)	
		"16" Remote Start	(STR)	
		"17" Invalid Assignment		
		"18" Product 1 Permissive	(PPR1)	
		"19" Product 2 Permissive	(PPR2)	
		"20" Product 3 Permissive	(PPR3)	
		"21" Product 4 Permissive	(PPR4)	
		"22" Valve Power	(VPW)	
		"23" Valve Stem-Product 1	(VST1)	
		"24" Valve Stem-Product 2	(VST2)	
		"25" Valve Stem-Product 3	(VST3)	
		"26" Valve Stem-Product 4	(VST4)	
		"27" Master Reset	(MRST) _ _ _	

Note: For "Remote Start" operation on side two this code must be programmed "16" (Remote Start) and jumpers must be installed as shown in the Installation Manual (MN06086).

028	AC Input 11 Terminals 111 & 112	Enter: "00" No Assignment	(N/A)	028
		"01" Additive Feedback 1	(AFB1)	
		"02" Additive Feedback 2	(AFB2)	
		"03" Additive Feedback 3	(AFB3)	
		"04" Additive Feedback 4	(AFB4)	
		"05" Additive Feedback 5	(AFB5)	
		"06" Additive Feedback 6	(AFB6)	
		"07" Additive Feedback 7	(AFB7)	
		"08" Additive Feedback 8	(AFB8)	
		"09" First/Second High Flow	(FSC)	
		"10" Printer Tray Switch Product 1	(PTS1)	
		"11" Printer Tray Switch Product 2	(PTS2)	
		"12" Printer Tray Switch Product 3	(PTS3)	
		"13" Printer Tray Switch Product 4	(PTS4)	
		"14" Permissive 1 Contact	(PRC1)	
		"15" Permissive 2 Contact	(PRC2)	
		"16" Invalid Assignment		
		"17" Invalid Assignment		
		"18" Product 1 Permissive	(PPR1)	
		"19" Product 2 Permissive	(PPR2)	
		"20" Product 3 Permissive	(PPR3)	
		"21" Product 4 Permissive	(PPR4)	
		"22" Valve Power	(VPW)	
		"23" Valve Stem-Product 1	(VST1)	

Program Code	Function Code	Description	Entry	Program Code
		"24" Valve Stem-Product 2	(VST2)	
		"25" Valve Stem-Product 3	(VST3)	
		"26" Valve Stem-Product 4	(VST4)	
		"27" Master Reset	(MRST)	
029	AC Input 12 Terminals 75 & 76	Enter: "00" No Assignment	(N/A) — —	029
		"01" Additive Feedback 1	(AFB1)	
		"02" Additive Feedback 2	(AFB2)	
		"03" Additive Feedback 3	(AFB3)	
		"04" Additive Feedback 4	(AFB4)	
		"05" Additive Feedback 5	(AFB5)	
		"06" Additive Feedback 6	(AFB6)	
		"07" Additive Feedback 7	(AFB7)	
		"08" Additive Feedback 8	(AFB8)	
		"09" First/Second High Flow	(FSC)	
		"10" Printer Tray Switch Product 1	(PTS1)	
		"11" Printer Tray Switch Product 2	(PTS2)	
		"12" Printer Tray Switch Product 3	(PTS3)	
		"13" Printer Tray Switch Product 4	(PTS4)	
		"14" Permissive 1 Contact	(PRC1)	
		"15" Permissive 2 Contact	(PRC2)	
		"16" Invalid Assignment		
		"17" Invalid Assignment		
		"18" Product 1 Permissive	(PPR1)	
		"19" Product 2 Permissive	(PPR2)	
		"20" Product 3 Permissive	(PPR3)	
		"21" Product 4 Permissive	(PPR4)	
		"22" Valve Power	(VPW)	
		"23" Valve Stem-Product 1	(VST1)	
		"24" Valve Stem-Product 2	(VST2)	
		"25" Valve Stem-Product 3	(VST3)	
		"26" Valve Stem-Product 4	(VST4)	
		"27" Master Reset	(MRST)	
030	RTD #1 Terminals 14, 15, 16, & 17	Enter: "0" RTD Not Used	— —	030
		"1" Product 1		
		"2" Product 2		
		"3" Product 3		
		"4" Product 4		
031	RTD #2 Terminals 62, 63, 64, & 65	Enter: "0" RTD Not Used	—	031
		"1" Product 1		
		"2" Product 2		
		"3" Product 3		
		"4" Product 4		
032	RTD #3 Terminals 19, 20, 22, 23	Enter: "0" RTD Not Used	—	032
		"1" Product 1		
		"2" Product 2		
		"3" Product 3		
		"4" Product 4		
033	RTD #4 Terminals 68, 69 71, 72	Enter: "0" RTD Not Used	—	033
		"1" Product 1		
		"2" Product 2		
		"3" Product 3		
		"4" Product 4		
034	Additive Injector #1 Product Assignment	Enter: "1" Product 1	—	034
		"2" Product 2		
		"3" Product 3		
		"4" Product 4	—	

Program Code	Function Code	Description	Entry	Program Code
035	Additive Injector #2 Product Assignment	Enter: "1" Product 1 "2" Product 2 "3" Product 3 "4" Product 4	—	035
036	Additive Injector #3 Product Assignment	Enter: "1" Product 1 "2" Product 2 "3" Product 3 "4" Product 4	—	036
037	Additive Injector #4 Product Assignment	Enter: "1" Product 1 "2" Product 2 "3" Product 3 "4" Product 4	—	037
038	Additive Injector #5 Product Assignment	Enter: "1" Product 1 "2" Product 2 "3" Product 3 "4" Product 4	—	038
039	Additive Injector #6 Product Assignment	Enter: "1" Product 1 "2" Product 2 "3" Product 3 "4" Product 4	—	039
040	Additive Injector #7 Product Assignment	Enter: "1" Product 1 "2" Product 2 "3" Product 3 "4" Product 4	—	040
041	Additive Injector #8 Product Assignment	Enter: "1" Product 1 "2" Product 2 "3" Product 3 "4" Product 4	—	041
042-089		Unassigned at Present	—	042-089
090	Input/Output Configuration	Enter: "1" One Product "2" Two Products "3" Three Products "4" Four Products	—	090

Warning: If you have already programmed codes 001 through 041, do not program this code. It will change what you have already programmed.

Note: Entering the above number will program the AccuLoad II to a typical Input and Output configuration for the number of products selected. Refer to manual MN06088L for input and output assignments when using this method of configuring the AccuLoad II-STM.

091	Print Configuration	Enter: Press "ENTER". The output configuration will be displayed. Press "ENTER". The input configuration will be displayed. Press "ENTER" again to print the configuration report.	—	091
092-099		Unassigned at Present	—	092-099

Program Code	Function Code	Description	Entry	Program Code
100		System General Purpose Directory		100
101	System Alarm Check/Reset	Read only, Press E to clear	None	101
Available Alarms				
	A2: Print Cover Open		E2: Printer Error	
	A4: Print Cover Open		E4: Printer Error	
	B2: Buffer Overflow		F1: Add 1 Feedback	
	B4: Buffer Overflow		F2: Add 2 Feedback	
	CM: Communication		F3: Add 3 Feedback	
	DA: EEPROM XXXX Bad		F4: Add 4 Feedback	
	DA: Ram XXXX Bad		F5: Add 5 Feedback	
	DA: Rom Uxx Bad		F6: Add 6 Feedback	
	DA: Watchdog Alarm		F7: Add 7 Feedback	
	DA: Display Error		F8: Add 8 Feedback	
	DA: Data Retention		H2: Printer Hardware	
	DA: Display Boot Required		H4: Printer Hardware	
	DA: Control Module		I2: Printer Not Responding	
	DA: Security Code		I4: Printer Not Responding	
	DA: Software Version		O2: Printer Paper Out	
	DA: Internal Temperature		O4: Printer Paper Out	
	DA: Keypad Alarm		PA: Power-fail	
	DA: Keypad Mismatch		P2: Printer Communication	
	DA: Program Error XXX		P4: Printer Communication	
	D2: Printer Deselected		SF: Storage Full	
	D4: Printer Deselected		SP: Shared Printer	
102	Product 1 Alarm Check/Reset	Read only, Press E to clear	None	102
Available Alarms				
	BP: Back Pressure		PS: Pulse Security	
	CF: Not Configured Flow		PT: Pulse Transmission Alarm	
	DA: Program Error XXX		TK: Ticket Alarm	
	HF: Excess High Flow		TP: Temperature Probe	
	HT: High Temperature		UF: Unauthorized Flow	
	LF: Low Flow		VF: Valve Fault	
	LT: Low Temperature		ZF: Zero Flow	
	OA: Overrun			
103	Product 2 Alarm Check/Reset	Read only, Press E to clear	None	103
Available Alarms				
	BP: Back Pressure		PS: Pulse Security	
	CF: Not Configured Flow		PT: Pulse Transmission Alarm	
	DA: Program Error XXX		TK: Ticket Alarm	
	HF: Excess High Flow		TP: Temperature Probe	
	HT: High Temperature		UF: Unauthorized Flow	
	LF: Low Flow		VF: Valve Fault	
	LT: Low Temperature		ZF: Zero Flow	
104	Product 3 Alarm Check/Reset	Read only, Press E to clear	None	104
Available Alarms				
	BP: Back Pressure		PS: Pulse Security	
	CF: Not Configured Flow		PT: Pulse Transmission Alarm	
	DA: Program Error XXX		TK: Ticket Alarm	
	HF: Excess High Flow		TP: Temperature Probe	

Program Code	Function Code	Description	Entry	Program Code
		HT: High Temperature LF: Low Flow LT: Low Temperature	UF: Unauthorized Flow VF: Valve Fault ZF: Zero Flow	
105	Product 4 Alarm Check/Reset	Read only, Press E to clear	None	105
Available Alarms				
		BP: Back Pressure CF: Not Configured Flow DA: Program Error XXX HF: Excess High Flow HT: High Temperature LF: Low Flow LT: Low Temperature	PS: Pulse Security PT: Pulse Transmission Alarm TK: Ticket Alarm TP: Temperature Probe UF: Unauthorized Flow VF: Valve Fault ZF: Zero Flow	
106	Transaction Alarms	To be read only	None	106
107	Ready Mode Alarms	To be read only	None	107
108	Set Time	Enter: Five digits. Two digits for hours, Two digits for minutes and one to indicate military, time, AM or PM. The last digit will be "0" = AM, "1" = PM and "2" = Military (e.g., 01:130)	_____	108
109	Set Date	Enter: Six digits. Two digits for month followed by two digits for day, followed by digits for year (e.g., 011288)	_____	109
110	Dynamic Display Time-out	Enter: Two digits in seconds of time-out (e.g., 15) "00" Display will remain till the "CLEAR" key is pressed "99" will disable the dynamic displays.	___	110
111-139		Unassigned at Present		111-139
140	Protection of Program Codes 180-189	Enter: "0" for Weights and Measures Mode "1" for Program Mode	___	140
141	Ready/Run Mode Alarm Clearing	Enter: One digit from one to nine indicates the number of alarms that can be cleared during a transaction when in the Ready/Run Mode. (e.g., 3)	___	141
142	Ready/Run Mode Clearable Alarms Selection	Enter: The number of the alarm that is to be changed (see Appendix III for the alarms, associated numbers and recording entries). When the alarm is displayed enter a "0" if the alarm is allowed to be cleared in the Ready/Run Mode. Enter a "1" if the alarm is not allowed to be cleared in the Ready/Run Mode.	___	142
Note: If code 141 is set to "0" the message "No Alarm Clearing" will be displayed and no entries will be allowed.				
143	Decimal or Comma Selection	Enter: "0" Decimal "1" Comma	___	143
144	Alarm Relay	Enter: "0" Alarm Relay on Valve Fault "1" Alarm Relay on Any Fault "2" No Alarm Relay	___	144

Program Code	Function Code	Description	Entry	Program Code
145	Run & Ready Mode Initialization	Enter: "0" English	—	145
<i>Note: This code will reprogram all Run/Ready messages to the factory defaults.</i>				
146-179		Unassigned at Present		146-179
180	Programming Access Code	Enter: Four digit number permits entry in to the Program or Weights and Measures Mode (e.g., 1234)	— — — —	180
181	Transaction Security ID	Enter: Eight digit transaction ID number (e.g., 12345678) "00000000" disables this feature	— — — — —	181
182	Transaction Security Prompt Message	Enter: Up to 20 characters for a prompt message (e.g., Enter ID Number)	— — — — —	182
183	Auto Reset Timer	Enter: Two digit number in minutes that the AccuLoad II will remain in the a mode of operation before automatically returning to the Ready Mode (e.g., 05) "00" disables this feature	— —	183
184	Run & Ready Mode Customized Display	Enter: The number of the display that you want to change. Press "ENTER" the default display will appear for that number or you can scroll through the displays by pressing the "ENTER" key. The display can be changed using the character set resident in the AccuLoad II. (See Appendix I for entry numbers and to record translation.)		184
185	Power Failure Alarm	Enter: "0" No Power-fail Alarm "1" Yes Power-fail Alarm	—	185
186-199		Unassigned at Present		186-199
200		System Flow Control Directory		200
201-239		Unassigned at Present		201-239
240	Protection of Program Codes 280-289	Enter: "0" for Weights and Measures Mode "1" for Program Mode	—	240
241-299		Unassigned at Present		241-299
300		System Volume Accuracy Directory		300
301	Transaction Control	Enter: "0" Print Key "1" Remote "2" Master Reset & Clear Totals "3" Master Reset (Does not Clear Totals)	—	301
302	Blank Downcounter	Enter: "0" Downcounter to be Displayed "1" No Downcounter Displayed	—	302
303-339		Unassigned at Present		303-339

Program Code	Function Code	Description	Entry	Program Code
340	Protection of Program Codes 380-389	Enter: "0" for Weights and Measures Mode "1" for Program Mode	—	340
341	Display Units	Enter: Three character message identifying the display units (e.g., GAL)	— — —	341
342	Corrected Display Indicator	Enter: "0" No Correction "1" Correct Delivery Display "2" Corrected Preset Display "3" Corrected Delivery & Preset	—	342
343	Display Resolution	Enter: "0" Whole Unit Display "1" Tenth Unit Display "2" Hundredth Unit Display "3" Tens Unit Display	—	343
344	Proving Modes	Enter: "0" Not Proving "1" Weights and Measures Proving "2" High-Speed Proving	—	344
345	Proving Output	Enter: "0" No Prover Output "1" Product #1 Prover Output "2" Product #2 Prover Output "3" Product #3 Prover Output "4" Product #4 Prover Output	—	345
346	Proving Output Units	Enter: "0" Raw Prover Output (Raw) "1" Gross Prover (Grs) "2" Gross Prover at Standard Temperature (Gst) "3" Mass Preset (Whole Units)	—	346
347	Products Per Transaction	Enter: "0" Single/Transaction "1" Multiple/Transaction	—	347
348-389		Unassigned at Present		348-389
390	Input Pulse Type	Enter: "0" Active Pulse Input "1" Contact Type Input	—	390
391-399		Unassigned at Present		391-399
400		System Temperature & Density Directory		400
401-439		Unassigned at Present		401-439
440	Protection of Program Codes 480-489	Enter: "0" for Weights and Measures Mode "1" for Program Mode	—	440
441	Temperature Units	Enter: "0" No Temperature Used "1" Fahrenheit "2" Celsius	—	441
442	Reference Temperature	Enter: Four digit reference temperature in tenth degrees (e.g., 060.0)	— — — — . —	442
443	Density Units	Enter: "0" No Density Units "1" Lbs/Ft ³ . "2" Kgs/M ³ .	—	443
444	Volume/Mass Conversion	Enter: "0" Gallons per Density Units "1" Dekaliters per Density Units "2" Liters per Density Units "3" Barrels per Density Units "4" Cubic Meters per Density Units	—	444
445	Mass Units	Enter: Three character message identifying the mass units (e.g., Lbs)	— — —	445
446-499		Unassigned at Present		446-499
500		System Pressure Directory		500
501-539		Unassigned at Present		501-539
540	Protection of Program Codes 580-589	Enter: "0" for Weights and Measures Mode "1" for Program Mode	—	540

Program Code	Function Code	Description	Entry	Program Code
541-599		Unassigned at Present		541-599
600		System Read Only Directory		600
601	Injector 1 Non-resettable Volumes	To be read only	None	601
602	Injector 2 Non-resettable Volumes	To be read only	None	602
603	Injector 3 Non-resettable Volumes	To be read only	None	603
604	Injector 4 Non-resettable Volumes	To be read only	None	604
605	Injector 5 Non-resettable Volumes	To be read only	None	605
606	Injector 6 Non-resettable Volumes	To be read only	None	606
607	Injector 7 Non-resettable Volumes	To be read only	None	607
608	Injector 8 Non-resettable Volumes	To be read only	None	608
609	Local Storage Transactions	To be read only	None	609
610-639		Unassigned at Present		610-639
640	Protection of Program Codes 680-689	Enter: "0" for Weights and Measures Mode "1" for Program Mode	—	640
641-699		Unassigned at Present		641-699
700		System Communication Directory		700
701	EIA-232 Communication Type	Enter: "0" No Communications "1" for EIA Type Terminal "2" for EIA Type Minicomputer	—	701
702	EIA-232 Communication Control	Enter: "0" for Poll Only "1" for Poll and Authorize "2" for Remote Control "3" for Auto Out Printer (one AccuLoad II per printer) "4" for Shared Auto Out Printer (up to 16 AccuLoad IIs per printer)	—	702
703	EIA-232 Baud Rate	Enter: "0" for 110 Baud "1" for 150 Baud "2" for 300 Baud "3" for 600 Baud "4" for 1200 Baud "5" for 2400 Baud "6" for 3600 Baud "7" for 4800 Baud "8" for 7200 Baud "9" for 9600 Baud	—	703

Program Code	Function Code	Description	Entry	Program Code
704	EIA-232 Data Format	Enter: "0" EIA-232 7 Bits Even "1" EIA-232 7 Bits Odd "2" EIA-232 7 Bits None "3" EIA-232 8 Bits Even "4" EIA-232 8 Bits Odd "5" EIA-232 8 Bits None	—	704
705	EIA-485 Communication Type	Enter: "0" No Communications "1" EIA Type Terminal "2" EIA Type Minicomputer	—	705
706	EIA-485 Communication Control	Enter: "0" for Polling Only "1" for Poll and Authorize "2" for Remote Control "3" for Auto Out "4" for Shared Auto Out	—	706
707	EIA-485 Baud Rate	Enter: "0" for 110 Baud "1" for 150 Baud "2" for 300 Baud "3" for 600 Baud "4" for 1200 Baud "5" for 2400 Baud "6" for 3600 Baud "7" for 4800 Baud "8" for 7200 Baud "9" for 9600 Baud	—	707
708	EIA-485 Data Format	Enter: "0" EIA-485 7 Bits Even "1" EIA-485 7 Bits Odd "2" EIA-485 7 Bits None "3" EIA-485 8 Bits Even "4" EIA-485 8 Bits Odd "5" EIA-485 8 Bits None	—	708
709	Communication Address First Delivery Position	Enter: Two digit number to identify the first delivery position (left side) for communications, range 01 to 99 (e.g., 25)	— —	709
710	Communication Address Second Delivery Position	Enter: Two digit number to identify the second delivery position (right side) for communications, range 01 to 99 (e.g., 26).	— —	710
711	Printer Output Message #1	Enter: Up to 20 characters for prompt message (e.g., Smith Meter Inc.)	—	711
712	Printer Output Message #2	Enter: Up to 20 characters for printer message (e.g., P. O. Box 10428)	—	712
713	Printer Output Message #3	Enter: Up to 20 characters for printer message (e.g., 1602 Wagner Ave.)	—	713
714	Printer Output Message #4	Enter: Up to 20 characters for printer message (e.g., Erie, Pa.)	—	714
715	Printer Output Message #5	Enter: Up to 20 characters for printer message (e.g., Erie Terminal)	—	715

Program Code	Function Code	Description	Entry	Program Code
716	Printer Output Message #6	Enter: Up to 20 characters for printer message (e.g., Customer Name)		716
717	Printer Output Message #7	Enter: Up to 20 characters for printer message (e.g., Account Name)		717
718	Printer Output Message #8	Enter: Up to 20 characters for printer message (e.g., Trailer Number)		718
719	Printer Output Message #9	Enter: Up to 20 characters for printer message (e.g., Driver Number)		719
720	Printer Output Message #10	Enter: Up to 20 characters for printer message (e.g., Destination)		720
721	Printer Output Message #11	Enter: Up to 20 characters for printer message (e.g., Hazardous Material)		721
722	Printer Output Message #12	Enter: Up to 20 characters for printer message (e.g., Classification)		722
723	Printer Output Message #13	Enter: Up to 20 characters for printer message (e.g., Preset Volume)		723
724	Printer Output Message #14	Enter: Up to 20 characters for printer message (e.g., Delivered Volume)		724
725	Printer Output Message #15	Enter: Up to 20 characters for printer message (e.g., Product Temperature)		725
726	Prompt Message #1	Enter: Up to 20 characters for prompt message (e.g., Enter Driver ID)		726
727	Prompt Message #2	Enter: Up to 20 characters for prompt message (e.g., Enter Company ID)		727
728	Prompt Message #3	Enter: Up to 20 characters for prompt message (e.g., Enter Trailer No)		728
729	Prompt Message #4	Enter: Up to 20 characters for prompt message (e.g., Enter Carrier ID)		729
730	Prompt Message #5	Enter: Up to 20 characters for prompt message (e.g., Connect Ground)		730
731	Unit ID	Enter: Up to 20 characters for unit identification (e.g., XX12)		731
732	Print Summary	Enter: "0" Summary w/Report "1" No Summary w/Report "2" Summary Only "3" User Configured Report		732

Program Code	Function Code	Description	Entry	Program Code
733	HM Classification Order	Enter: Four digits indicating the the order from most hazardous to least hazardous material classifications for the products being delivered. The most hazardous classification will be printed on batch and transaction reports. "1" Product 1 "2" Product 2 "3" Product 3 "4" Product 4 (e.g., 2341 indicates that product 2 has the most hazardous material classification.		733
<i>Note: Rank the product' HM Classification from most hazardous to least hazardous.</i>				
734	User Configured Report Display	To be read only. Displays the current set up of the User Configured Delivery Report.	None	734
735-739		Unassigned at Present		735-739
740	Protection of Program Codes 780-789	Enter: "0" for Weights and Measures Mode "1" for Program Mode	—	740
741	Communication Link Programming	Enter: "0" for No Program Code Values "1" for Program Values Only "2" for Program and Weights and Measures Values "3" for Alarm Reset Only	—	741
742	Communications Time-out	Enter: Three digits in seconds that communication polling may be absent (e.g., 060) "000" disables the Communications Alarm Mode	— — —	742
743	Communications Alarm Mode	Enter: "0" Standby Mode "1" Communications Alarm Mode "2" Standby and Communications Alarm Mode	—	743
744	Prompt Time-out	Enter: Three digits in seconds of time-out allowed with each prompt (e.g., 015)	— — —	744
<i>Note: Minimum time-out is 10 seconds.</i>				
745	Prompt Data Entry #1	Enter: Two digits representing the prompt data response. First digit "0" = Displayed First digit "1" = Hidden Display Second digit "0 - 9" = Digits for prompt entry (e.g., 04)	— —	745
746	Prompt Data Entry #2	Enter: Two digits representing the prompt data response. First digit "0" = Displayed First digit "1" = Hidden Display Second digit "0 - 9" = Digits for prompt entry (e.g., 15)	— —	746

Program Code	Function Code	Description	Entry	Program Code
747	Prompt Data Entry #3	Enter: Two digits representing the prompt data response. First digit "0" = Displayed First digit "1" = Hidden Display Second digit "0 - 9" = Digits for prompt entry (e.g., 15)	__ __	747
748	Prompt Data Entry #4	Enter: Two digits representing the prompt data response. First digit "0" = Displayed First digit "1" = Hidden Display Second digit "0 - 9" = Digits for prompt entry (e.g., 16)	__ __	748
749	Prompt Data Entry #5	Enter: Two digits representing the prompt data response. First digit "0" = Displayed First digit "1" = Hidden Display Second digit "0 - 9" = Digits for prompt entry (e.g., 16)	__ __	749
750	Start Key Enable/Disable	Enter: "0" Start Key Enabled "1" Start Key Disabled	__	750
751	Shared Printer Out Alarm	Enter: "0" No SP Alarm "1" Yes SP Alarm	__	751
752	Shared Printer Out Timer	Enter: Two digits in minutes of time that the AccuLoad II will wait before Alarming.	__ __	752
753	EIA-232 Printer Security	Enter: "0" No 232 Security "1" XON/XOFF "2" DEC Protocol "3" PTB - FX Protocol "4" PTB - LQ Protocol	__	753
754	EIA-485 Printer Security	Enter: "0" No 485 Security "1" XON/XOFF "2" DEC Protocol "3" PTB - FX Protocol "4" PTB - LQ Protocol	__	754
755	Shared Printer Security Alarm	Enter: "0" No Security Alarm "1" Yes Security Alarm	__	755

Note: Used with DEC Security.

Program Code	Function Code	Description	Entry	Program Code
756	Select Volumes to Print	<p>Enter: Four digit number indicating the totals that will be printed on the Product Receipt Ticket.</p> <p>1st digit - Raw Totals 2nd digit - Gross Totals 3rd digit - Gross at Standard Temperature Totals 4th digit - Mass Totals</p> <p>A zero in the digit indicates the total will not be printed, a one indicates the total will be printed. (e.g., 0110 indicates that Gross totals and the Gross at Standard Temperature will be printed on the Product Receipt Ticket.)</p>	____	756
757	Select Load Parameters to Print	<p>Enter: Three digit number indicating the load averages that will be printed on the Product Receipt Ticket.</p> <p>1st digit - Load Average Temperature 2nd digit - Load Average Meter Factor 3rd digit - Reference Density</p> <p>A zero in the digit indicates the load average will not be printed, a one indicates the load average will be printed. (e.g., 110 indicates that the Load Average Temperature and the Load Average Meter Factor will be printed on the Product Receipt Ticket.)</p>	___	757
758	Select the Additive Volumes to Print	<p>Enter: Eight digit number indicating the additive volumes that will be printed on the Product Receipt Ticket.</p> <p>1st digit - Additive Volume #1 2nd digit - Additive Volume #2 3rd digit - Additive Volume #3 4th digit - Additive Volume #4 5th digit - Additive Volume #5 6th digit - Additive Volume #6 7th digit - Additive Volume #7 8th digit - Additive Volume #8</p> <p>A zero in the digit indicates the additive volume will not be printed, a one indicates the additive volume will be printed. (e.g., 10100000 indicates that Additive Volume #1 and Additive Volume #3 will be printed on the Product Receipt Ticket.)</p>	_____	758

Program Code	Function Code	Description	Entry	Program Code
759	Define Delivery Report	Enter: Ten digits in the form of four digits for the current line (0000), three digits for the column number that the data will start at (000), and the item that will be printed (000) on the delivery report. Refer to Appendix II for item numbers. (e.g., 0134, 016, 135)		759
<i>Note: To delete information from the delivery report move to the entry number field by pressing "ENTER" and enter a zero and press "ENTER" again.</i>				
760-779		Unassigned at Present		760-779
780	Number of Prompts	Enter: One digit between 0 and 5 representing the number of prompts used in the Standby Mode (e.g., 4) "0" disables prompts in the Standby Mode		780
781	Print Transaction	Enter: Three digit Transaction Number to print the transaction data desired. (e.g., 010 will print the tenth transaction back from the current transaction.)		781
782	Prompts Printed	Enter: "0" Standby Blank "1" Standby Print "2" Always Print		782
783-789		Unassigned at Present		783-789
790	High-Security Communications Programming	Enter: "0" No High-Security Programming through communications "1" High-Security Programming through communications		790
<i>Note: High-Security Programming refers to the codes in the configuration directory and any codes in other directories that have a second digit of nine.</i>				
791-799		Unassigned at Present		791-799
800		System Input/Output Directory		800
801	Additive Injector Stop	Enter: "0" Additive stop at end of batch (Option 1) "1" Additive stop at programmed stop volume with no recalculation of Additive. (Option 2) "2" Additive stop at programmed stop volume with recalculation of additive (Option 3)		801
802	Additive Injector Stop Volume	Enter: Three digits in whole units of remaining system volume to be loaded when the Additive Injectors will be stopped (e.g., 75).		802
803	Additive Injector Output	Enter: "0" for Raw Output "1" for Gross Output "2" for Gst Output		803

Program Code	Function Code	Description	Entry	Program Code
804	Manual/Auto Additive Injector Selection	Enter: "0" for Auto Injectors "1" for Manual Injectors when in the Standby Mode. "2" for Manual Injectors per transaction. "3" for Manual Injectors per batch.	—	804
805	Restart After Valve Power Restored	Enter: "0" Manual Valve Start "1" Auto Valve Start	—	805
806	Valve Power Sense Permissive Message	Enter: Up to 20 characters for prompt message (e.g., Permissive Not Met)	_____	806
807	Permissive #1	Enter: "0" No Permissive 1 "1" Permissive 1 Transaction start only "2" Permissive 1 Continuously "3" Start Permissive 1 "4" Batch Permissive 1	—	807
808	Permissive #1 Message	Enter: Up to 20 characters for prompt message (e.g., Connect Ground)	_____	808
809	Restart After Permissive #1 Met	Enter: "0" Man Perm. 1 Start "1" Auto Perm. 1 Start	—	809
810	Master Reset Prompt Message	Enter: Up to 20 characters for prompt message if no AC power is detected at the beginning of the transaction on the AC Input Programmed for Master Reset (e.g., Not Authorized)	_____	810
811	Permissive #2	Enter: "0" No Permissive 2 "1" Permissive 2 Transaction Start Only "2" Permissive 2 Continuously "3" Start Permissive 2 "4" Batch Permissive 2	—	811
812	Permissive #2 Message	Enter: Up to 20 characters for prompt message (e.g., Connect Vapor)	_____	812
813	Restart After Permissive #2 Met	Enter: "0" Man Perm. 2 Start "1" Auto Perm. 2 Start	—	813
814	Additive #1 Message	Enter: Up to nine characters for Additive #1 Message on the Product Receipt Ticket. (e.g., Dye)	_____	814
815	Additive #2 Message	Enter: Up to nine characters for Additive #2 Message on the Product Receipt Ticket. (e.g., Dye)	_____	815
816	Additive #3 Message	Enter: Up to nine characters for Additive #3 Message on the Product Receipt Ticket. (e.g., Dye)	_____	816

Program Code	Function Code	Description	Entry	Program Code
817	Additive #4 Message	Enter: Up to nine characters for Additive #4 Message on the Product Receipt Ticket. (e.g., Dye)		817
818	Additive #5 Message	Enter: Up to nine characters for Additive #5 Message on the Product Receipt Ticket. (e.g., Dye)		818
819	Additive #6 Message	Enter: Up to nine characters for Additive #6 Message on the Product Receipt Ticket. (e.g., Dye)		819
820	Additive #7 Message	Enter: Up to nine characters for Additive #7 Message on the Product Receipt Ticket. (e.g., Dye)		820
821	Additive #8 Message	Enter: Up to nine characters for Additive #8 Message on the Product Receipt Ticket. (e.g., Dye)		821
822-839		Unassigned at Present		822-839
840	Protection of Program Codes 880-889	Enter: "0" for Weights and Measures Mode "1" for Program Mode		840
841	Additive Injector #1 Feedback	Enter: "0" No Injector 1 Feedback "1" Injector 1 Feedback/Control "2" Injector 1 Feedback Only		841
842	Additive Injector #1 Volume per Cycle	Enter: Six digits defining the volume of product to be injected for each Additive Injector cycle (e.g., 001.000)		842
843	Additive Injector #2 Feedback	Enter: "0" No Injector 2 Feedback "1" Injector 2 Feedback/Control "2" Injector 2 Feedback Only		843
844	Additive Injector #2 Volume per Cycle	Enter: Six digits defining the volume of product to be injected for each Additive Injector cycle (e.g., 001.000)		844
845	Additive Injector #3 Feedback	Enter: "0" No Injector 3 Feedback "1" Injector 3 Feedback/Control "2" Injector 3 Feedback Only		845
846	Additive Injector #3 Volume per Cycle	Enter: Six digits defining the volume of product to be injected for each Additive Injector cycle (e.g., 001.000)		846
847	Additive Injector #4 Feedback	Enter: "0" No Injector 4 Feedback "1" Injector 4 Feedback/Control "2" Injector 4 Feedback Only		847
848	Additive Injector #4 Volume per Cycle	Enter: Six digits defining the volume of product to be injected for each Additive Injector cycle (e.g., 010.000)		848

Program Code	Function Code	Description	Entry	Program Code
849	Additive Injector #5 Feedback	Enter: "0" No Injector 5 Feedback "1" Injector 5 Feedback/Control "2" Injector 5 Feedback Only	___	849
850	Additive Injector #5 Volume per Cycle	Enter: Six digits defining the volume of product to be injected for each Additive Injector cycle (e.g., 001.000)	___ . ___	850
851	Additive Injector #6 Feedback	Enter: "0" No Injector 6 Feedback "1" Injector 6 Feedback/Control "2" Injector 6 Feedback Only	___	851
852	Additive Injector #6 Volume per Cycle	Enter: Six digits defining the volume of product to be injected for each Additive Injector cycle (e.g., 001.000)	___ . ___	852
853	Additive Injector #7 Feedback	Enter: "0" No Injector 7 Feedback "1" Injector 7 Feedback/Control "2" Injector 7 Feedback Only	___	853
854	Additive Injector #7 Volume per Cycle	Enter: Six digits defining the volume of product to be injected for each Additive Injector cycle (e.g., 001.000)	___ . ___	854
855	Additive Injector #8 Feedback	Enter: "0" No Injector 8 Feedback "1" Injector 8 Feedback/Control "2" Injector 8 Feedback Only	___	855
856	Additive Injector #8 Volume per Cycle	Enter: Six digits defining the volume of product to be injected for each Additive Injector cycle (e.g., 001.000)	___ . ___	856
857	Injector Units	Enter: Three character message identifying the injector units (e.g., Ozs)	___	857
858	Additive Injector Feedback Errors	Enter: Two digits defining the number of errors before alarming	___	858
859	Injector #1 Feedback Delay	Enter: Three digits in seconds allowed between feedbacks before an alarm.	___	859
860	Injector #2 Feedback Delay	Enter: Three digits in seconds allowed between feedbacks before an alarm.	___	860
861	Injector #3 Feedback Delay	Enter: Three digits in seconds allowed between feedbacks before an alarm.	___	861
862	Injector #4 Feedback Delay	Enter: Three digits in seconds allowed between feedbacks before an alarm.	___	862
863	Injector #5 Feedback Delay	Enter: Three digits in seconds allowed between feedbacks before an alarm.	___	863

Program Code	Function Code	Description	Entry	Program Code
864	Injector #6 Feedback Delay	Enter: Three digits in seconds allowed between feedbacks before an alarm.	__ __ __	864
865	Injector #7 Feedback Delay	Enter: Three digits in seconds allowed between feedbacks before an alarm.	__ __ __	865
866	Injector #8 Feedback Delay	Enter: Three digits in seconds allowed between feedbacks before an alarm.	__ __ __	866
867-879	Unassigned at Present			867-879
880	Additive Injector Pulser No. 1	Enter: Three digits in whole units of delivered liquid per injector pulse (e.g., 040)	__ __ __	880
881	Additive Injector Pulser No. 2	Enter: Three digits in whole units of delivered liquid per injector pulse (e.g., 050)	__ __ __	881
882	Additive Injector Pulser No. 3	Enter: Three digits in whole units of delivered liquid per injector pulse (e.g., 040)	__ __ __	882
883	Additive Injector Pulser No. 4	Enter: Three digits in whole units of delivered liquid per injector pulse (e.g., 050)	__ __ __	883
884	Additive Injector Pulser No. 5	Enter: Three digits in whole units of delivered liquid per injector pulse (e.g., 000)	__ __ __	884
885	Additive Injector Pulser No. 6	Enter: Three digits in whole units of delivered liquid per injector pulse (e.g., 000)	__ __ __	885
886	Additive Injector Pulser No. 7	Enter: Three digits in whole units of delivered liquid per injector pulse (e.g., 000)	__ __ __	886
887	Additive Injector Pulser No. 8	Enter: Three digits in whole units of delivered liquid per injector pulse (e.g., 000)	__ __ __	887
888-899	Unassigned at Present			888-899
900	System Diagnostic Directory			900
901	Diagnostic	Display Test	None	901
902	Diagnostic	Keypad Test	None	902
903	Diagnostic	RTD #1 & #2 Test	None	903
904	Diagnostic	RTD #3 & #4 Test	None	904
905	Diagnostic	Internal Temperature	None	905
906	Diagnostic	Power Supply Test	None	906
907	Diagnostic	Firmware Version	None	907
908	Diagnostic	AccuLoad II Model Number	Read Only	908
909	Diagnostic	ACM Model Number	Read Only	909
910	Diagnostic	System Messages	Read Only	910
911	Diagnostic	Calibration Event Counter	Read Only	911
<i>Note: This code applies to STM-04 and above firmware</i>				
912	Diagnostic	Configuration Event Counter	Read Only	912
<i>Note: This code applies to STM-04 and above firmware</i>				

Program Code	Function Code	Description	Entry	Program Code
913-939		Unassigned at Present		913-939
940	Protection of Program Codes 980-989	Enter: "0" for Weights and Measures Mode "1" for Program Mode		940
941	Diagnostic	Communication Test - EIA-232 No Echo Back	None	941
942	Diagnostic	Communication Test - EIA-232 With Echo	None	942
943	Diagnostic	Communication Test - EIA-485 No Echo Back	None	943
944	Diagnostic	Communication Test - EIA-485 With Echo	None	944
945	Diagnostic	Meter Pulse Channel 1 Active	None	945
946	Diagnostic	Meter Pulse Channel 1 Contact	None	946
947	Diagnostic	Meter Pulse Channel 2 Active	None	947
948	Diagnostic	Meter Pulse Channel 2 Contact	None	948
949	Diagnostic	Meter Pulse Channel 3 Active	None	949
950	Diagnostic	Meter Pulse Channel 3 Contact	None	950
951	Diagnostic	Meter Pulse Channel 4 Active	None	951
952	Diagnostic	Meter Pulse Channel 4 Contact	None	952
953	Diagnostic	Contact Input Test	None	953
954	Diagnostic	High-Speed Prover Product 1	None	954
955	Diagnostic	High-Speed Prover Product 2	None	955
956	Diagnostic	High-Speed Prover Product 3	None	956
957	Diagnostic	High-Speed Prover Product 4	None	957
958	Diagnostic	Pulse Out 1 Test	None	958
959	Diagnostic	Pulse Out 2 Test	None	959
960	Diagnostic	Pulse Out 3 Test	None	960
961	Diagnostic	Pulse Out 4 Test	None	961
962	Diagnostic	Clear Local Storage	None	962
963	Diagnostic	Contact Output	None	963
964	Diagnostic	Clear Configurable Report	None	964
965-990		Unassigned at Present	None	965-990
991	Diagnostic	Relay Test	None	991
992	Diagnostic	Ram Test	None	992
993	Diagnostic	Power-up Diagnostics	None	993
994	Diagnostic	See Operator Reference Manual	None	994
995	Diagnostic	See Operator Reference Manual	None	995
996	Diagnostic	Watchdog	None	996
997	Diagnostic	Relay Select Test #1	None	997
998	Diagnostic	Relay Select Test #2	None	998
999	Diagnostic	See Operator Reference Manual	None	999

Product Directories

100 Product General Purpose Directory

101-139 Unassigned at Present

140	Protection of Program Codes 180 - 189	Enter: "0" for Weights and Measures Mode "1" for Program Mode	___	___	___	___
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141	Product Selection	Enter: "0" for Product in Use "1" for Product Not in Use	___	___	___	___
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142-179 Unassigned at Present

180	Product Message	Enter: Up to nine characters for meter or product identifier (e.g., Regular)	Prod 1 _____	Prod 2 _____	Prod 3 _____	Prod 4 _____
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181-199 Unassigned at Present

200 Product Flow Control Directory

201	Low Flow Start Volume	Enter: Four digits in whole units (e.g., 0100)	_____	_____	_____	_____
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Note: The larger of the volumes as programmed in this code or calculated in code 202 will be used as the low flow start volume.

202	Low Flow Start Percentage	Enter: Two digits in whole percentage indicating the percentage of the preset to be delivered during low flow start (e.g., 10%)	_____	_____	_____	_____
-----	---------------------------	---	-------	-------	-------	-------

Note: The larger of the volumes as calculated using the percentage entered in this code or the volume entered in code 201 will be used as the low flow start volume.

203	Low Flow Start Rate	Enter: Four digits in whole units per minute (e.g., 0150) "0000" entry will not allow the valve to open.	_____	_____	_____	_____
-----	---------------------	--	-------	-------	-------	-------

204	Low Flow Start	Enter: "0" Low Flow Start always after zero flow. "1" Low Flow Start at beginning of batch only.	___	___	___	___
-----	----------------	---	-----	-----	-----	-----

205	High Flow Rate	Enter: Four digits in whole units (e.g., 0600) "0000" Entry will not allow the valve to open	_____	_____	_____	_____
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206	Flow Tolerance	Enter: One digit as a percentage of First High Flow Rate (e.g., 7)	___	___	___	___
-----	----------------	--	-----	-----	-----	-----

207	Second High Flow Rate	Enter: Four digits in whole units (e.g., 0300) "0000" Entry will not allow the valve to open if configured for 1st/2nd High Flow.	_____	_____	_____	_____
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208	Minimum Flow Rate	Enter: Three digits in whole units (e.g., 080)	_____	_____	_____	_____
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209	First Trip Volume	Enter: Four digits in whole units	_____	_____	_____	_____
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Program Code	Function	Code Description	Prod 1	Prod 2	Prod 3	Prod 4
		(e.g., 0050)				
210	Final (Second) Trip Volume	Enter: Three digits in tenth units (e.g., 01.0)				
211	Final (Second) Trip Auto Adjust	Enter: One digit which defines the number of runs to average. (e.g., 3)				
212	Overrun Alarm Limit	Enter: Two digits in whole units (e.g., 15) "00" disables the alarm				
213	Low Flow Rate Alarm Limit	Enter: Three digits in whole units per minute (e.g., 050) "000" disables the alarm				
214	Excess Flow Rate	Enter: Two digits as a percentage (e.g., 10) "00" Disables the High Flow Alarm				
215	Start Delay After Stop	Enter: Three digits in whole seconds of delay time from when the "STOP" is pressed until the "START" can be pressed. (e.g., 020)				
216	Pump Relay Time Delay	Enter: Two digits in seconds of delay time for opening the pump relay after "STOP". (e.g., 09)				
217	Valve Delay To Open	Enter: Two digits in seconds of delay time to open the valve after "START" is pressed. (e.g., 07) "00" disables option				
218	PT/VF Time Delay	Enter: Two digits in seconds of time delay (e.g., 15) Entry must not be "00"				
219	Zero Flow Timer	Enter: Two digits in seconds (e.g., 15) "00" disables the alarm				
220	Zero Flow Alarm	Enter: "0" Zero Flow Alarm Disabled "1" Zero Flow Alarm Enabled				
221-239		Unassigned at Present				
240	Protection of Program Codes 280-289	Enter: "0" for Weights and Measures Mode "1" for Program Mode				
241	Flow Control Valve Security	Enter: "0" for No Security "1" for Security				
242-299		Unassigned at Present				
300		Product Volume Accuracy Directory				
301	Maximum Preset Volume	Enter: Six digits in whole units (e.g., up to 999,999 units) "000000" disables option				
302	Minimum Preset Volume	Enter: Six digits in whole units (e.g., up to 999,999 units) "000000" disables option				

Program Code	Function	Code Description	Prod 1	Prod 2	Prod 3	Prod 4
303	Auto Preset	Enter: Six digits in whole units (e.g., 999,999 units) "000000" disables option				
304	Auto Preset Increment	Enter: Five digits in whole units to increment the auto preset. (e.g., 00100 units) "00000" disables option				
305-339		Unassigned at Present				
340	Protection of Program Codes 380-389	Enter: "0" for Weights and Measures Mode "1" for Program Mode				
341	Flow Rate for Meter Factor #1	Enter: Four digits in whole units per minute (e.g., 0600)				
342	Meter Factor #1	Enter: Five digits as one whole number followed by four decimals (e.g., 1.0033)				
343	Flow Rate for Meter Factor #2	Enter: Four digits in whole units per minute (e.g., 0400)				
<i>Note: If flow rate is set at zero the AccuLoad II will ignore codes 344 through 348.</i>						
344	Meter Factor #2	Enter: Five digits as one whole number followed by four decimals (e.g., 1.0040)				
345	Flow Rate for Meter Factor #3	Enter: Four digits in whole units per minute (e.g., 0150)				
<i>Note: If flow rate is set at zero the AccuLoad II will ignore codes 346 through 348.</i>						
346	Meter Factor #3	Enter: Five digits as one whole number followed by four decimals (e.g., 1.0048)				
347	Flow Rate for Meter Factor #4	Enter: Four digits in whole units per minute (e.g., 0080)				
<i>Note: If flow rate is set at zero the AccuLoad II will ignore code 348.</i>						
348	Meter Factor #4	Enter: Five digits as one whole number followed by four decimals (e.g., 1.0058)				
349	Meter Factor % Change/Deg.	Enter: Five digits representing the meter factor percent change per degree of unit temperature in percentage, (e.g., 0.0012)				
350	Meter Factor Reference Temperature	Enter: Four digits representing the temperature that the percent meter factor variation was determined, Three whole units and one decimal in degrees (e.g., 120.1)				

Program Code	Function	Code Description	Prod 1	Prod 2	Prod 3	Prod 4
351	Pulse Output	Enter: "0" Raw Pulse Out "1" Gross Pulse Out "2" Gst Pulse Out "3" Mass Pulse Out				
352	Pulse Resolution Output	Enter: Six digits defining the printer output resolution (units/pulse) in thousandths of units, "000000" Disables this feature (e.g., 010.0)				
<i>Note: Input pulses must be 2.5 times greater than the output pulses (e.g., 100 output pulses/unit volume requires at least 250 input pulses/unit volume).</i>						
353	Input Resolution	Enter: Four digit number representing the number of pulses per unit of registration (e.g., 0100) Entry must be between 0025 and 9999.				
354	Dual Pulse Error Count	Enter: Three digits indicating the number of error counts from the dual pulse Comparator prior to alarming. (e.g., 050)				
<i>Note: "000" disables the error counting.</i>						
355	Dual Pulse Error Reset	Enter: "0" No DPC Error Reset "1" Reset at the End of Transaction Only "2" Reset Upon Power-up Only "3" Reset Upon Power-up and at the End of Each Transaction				
356	Dual Pulse Flow Rate Cutoff	Enter: Three digits defining the flow rate that the Dual Pulse errors will begin to be counted.				
357	Preset Display	Enter: "0" Raw Preset (Raw) "1" Gross Preset (Grs) "2" Gross Preset at Standard Temperature (Gst) "3" Mass Preset				
358	Delivery Display	Enter: "0" Raw Delivery (Raw) "1" Gross Delivery (Grs) "2" Gross Preset at Standard Temperature (Gst) "3" Mass Delivery				
359-389	Unassigned at Present					
390	Master Meter Factor	Enter: Five digits as one whole number followed by four decimals (e.g., 1.0040). Restricts meter factors 1 through 4, program codes 353, 355, 357, and 359 to +/- 2% of this				

Program Code	Function	Code Description	Prod 1	Prod 2	Prod 3	Prod 4
		entry. Enter 0.0000 to disable this feature.				
391	Linearized Factor Deviation	Enter: Three digits in a percentage, one whole number followed by two decimals (e.g., 3.40). Restricts deviation between adjacent meter factors. Enter 0.00 to disable this feature.				
392	Meter Factor Variation	Enter: "0" No Meter Factor Variation "1" Yes Meter Factor Variation				
393	Transmitter Type	Enter: "0" Single Channel "1" Dual Channel				
394-399		Unassigned at Present				
400		Product Temperature & Density Directory				
401-439		Unassigned at Present				
440	Protection of Program Codes 480-489	Enter: "0" for Weights and Measures Mode "1" for Program Mode				
441	API Table & Product	Enter: "00" No API Table "07" API Table 24B "01" API Table 6A "08" API Table 24D "02" API Table 6B "09" API Table 54 "03" API Table 6C "10" API Table 54A "04" API Table 6D "11" API Table 54B "05" API Table 24 "12" API Table 54C "06" API Table 24A "13" API Table 54D				
442	Reference Density	Enter: Five digit density with floating decimal. (e.g., 0999.9 to 0.9999 Depending on selection in code 441).				
443	Low Temperature Alarm	Enter: Four digits. The first digit indicates polarity. First digit "0" = Positive First digit "1" = Negative The last three digits indicate temperature in whole degrees. (e.g., 0020 = + 020) Temperature units are dependent on entry made in code 441 An entry of -999 will disable this feature.				

Program Code	Function	Code Description	Prod 1	Prod 2	Prod 3	Prod 4
444	High Temperature Alarm	Enter: Four digits. The first digit indicates polarity. First digit "0" = Positive First digit "1" = Negative The last three digits indicate temperature in whole degrees. (e.g., 0250 = + 250) Temperature units are dependent on entry made in code 441 An entry of 0999 (+999) will disable this feature.				
445	Maintenance Temperature	Enter: Five digits. The first digit indicates polarity. First digit "0" = Positive First digit "1" = Negative The last four digits indicate temperature in tenths of degrees. An entry of -999.9 will disable this feature. (e.g., 0085.0 = + 85.0)				
446	Temperature Offset	Enter: Three digits. First digit must be "0" or "1" (0 = positive, 1 = negative). Second and third digits represent the offset temperature in tenth degrees (e.g., 10.5 entered will display at -0.5 degrees offset)				
447-499	Unassigned at Present					
500	Product Pressure Directory					
501	Minimum Back Pressure Flow Rate Setting	Enter: Four digits to select the minimum flow rate allowed during back pressure operation in whole units per minute. (e.g., 0100) "0000" disables the alarm				
502	Minimum Back Pressure Flow Rate Timer Setting	Enter: Two digits in seconds to achieve a desired flow rate (e.g., 20). "00" disables this minimum flow rate timer and the back pressure reduction in code 504.				
503	BP Reduction	Enter: Two digits in % reduction of flow rate for back pressure flow control and AFO (e.g., 90)				
504-539	Unassigned at Present					
540	Protection of Program codes 580-589	Enter: "0" for Weights and Measures Mode "1" for Program Mode				
541-599	Unassigned at Present					
600	Product Read Only Directory					
601	Raw Non-resettable Volume	To be read only		None		
602	Gross Non-resettable Volume	To be read only		None		

Program Code	Function	Code Description	Prod 1	Prod 2	Prod 3	Prod 4
603	Gross at Standard Temp. Non-resettable Volume	To be read only	None			
604	Mass Non-resettable Totals	To be read only	None			
605	Load Average Temperature	To be read only	None			
606	Load Average Meter Factor	To be read only	None			
607-639		Unassigned at Present				
640	Protection of Program Codes 680-689	Enter: "0" for Weights and Measures Mode "1" for Program Mode				
641-699		Unassigned at Present				
700	Product Communications Directory					
701	HM Classification #1 Printout	Enter: First 20 characters of the classification. Prod1_____				
		Prod2_____				
		Prod3_____				
		Prod4_____				
702	HM Classification #2 Printout	Enter: Second 20 characters of the classification. Prod1_____				
		Prod2_____				
		Prod3_____				
		Prod4_____				
703	HM Classification #3 Printout	Enter: Third 20 characters of the classification. Prod1_____				
		Prod2_____				
		Prod3_____				
		Prod4_____				
704	HM Classification #4 Printout	Enter: Last 20 characters of the classification. Prod1_____				
		Prod2_____				
		Prod3_____				
		Prod4_____				
705-739		Unassigned at Present				

Program Code	Function	Code Description	Prod 1	Prod 2	Prod 3	Prod 4
740	Protection of Program Codes 780-789	Enter: "0" for Weights and Measures Mode "1" for Program Mode	__	__	__	__
741-799	Unassigned at Present					
800	Product Inputs & Outputs Directory					
801	Product Permissive	Enter: "0" No Permissive "1" Permissive Continuously "2" Permissive on Start "3" Permissive at Batch Start	__	__	__	__
802	Restart After Product Permissive Met	Enter: "0" Manual Start "1" Automatic Start	__	__	__	__
803	Product Permissive Message	Enter: Up to 20 characters for prompt message (e.g., not authorized)				Prod1_____ Prod2_____ Prod3_____ Prod4_____
804	Printer Tray Switch Prompt Message	Enter: Up to 20 characters for prompt message if no AC power is detected on the printer tray switch after the product is selected at the beginning of the batch on the AC input programmed for the printer tray switch (e.g., Please Insert Ticket)				Prod1_____ Prod2_____ Prod3_____ Prod4_____
805-839	Unassigned at Present					
840	Protection of Program Codes 880-889	Enter: "0" for Weights and Measures Mode "1" for Program Mode	__	__	__	__
841-899	Unassigned at Present					
900	Product Diagnostics Directory					
901-939	Unassigned at Present					
940	Protection of Program Codes 980-989	Enter: "0" for Weights and Measures Mode "1" for Program Mode	__	__	__	__
941-999	Unassigned at Present					

Appendix I

STM Display Customization Entry Table

<i>Entry Number</i>	<i>Entry Description</i>	<i>Translation</i>	<i>Output Length</i>
<i>*01</i>	<i>Alarm - See Manager</i>		<i>22</i>
<i>*02</i>	<i>Alarm Press "CLEAR"</i>		<i>22</i>
<i>*03</i>	<i>Alarm Press "PRINT"</i>		<i>22</i>
<i>*04</i>	<i>Alarm - Remove Ticket</i>		<i>22</i>
<i>05</i>	<i>Press CLEAR to Continue</i>		<i>24</i>
<i>06</i>	<i>Press START to Continue</i>		<i>24</i>
<i>07</i>	<i>** Remove Ticket **</i>		<i>24</i>
<i>08</i>	<i>Please Wait</i>		<i>24</i>
<i>09</i>	<i>Report Pending to Print</i>		<i>24</i>
<i>10</i>	<i>No Local Start Allowed</i>		<i>24</i>
<i>11</i>	<i>Select Product</i>		<i>14</i>
<i>**12</i>	<i>Product #</i>		<i>10</i>
<i>13</i>	<i>No Products Available</i>		<i>21</i>
<i>**14</i>	<i>Current Prod</i>		<i>12</i>
<i>15</i>	<i>Ldtmp</i>		<i>5</i>
<i>16</i>	<i>Load Avg Tmp</i>		<i>12</i>
<i>**17</i>	<i>Ld</i>		<i>3</i>
<i>18</i>	<i>Load Avg Mfac</i>		<i>13</i>
<i>19</i>	<i>**Batch Limit Reached**</i>		<i>23</i>
<i>20</i>	<i>** Error Press CLEAR **</i>		<i>24</i>
<i>21</i>	<i>System</i>		<i>6</i>
<i>22</i>	<i>Alarm</i>		<i>5</i>
<i>23</i>	<i>Product 1</i>		<i>9</i>
<i>24</i>	<i>Product 2</i>		<i>9</i>
<i>25</i>	<i>Product 3</i>		<i>9</i>
<i>26</i>	<i>Product 4</i>		<i>9</i>
<i>27</i>	<i>Product</i>		<i>7</i>
<i>28</i>	<i>Summary</i>		<i>7</i>
<i>29</i>	<i>Dyn Display</i>		<i>12</i>
<i>**30</i>	<i>Restart in</i>		<i>11</i>

Entry Number	Entry Description	Translation	Output Length
**31	Valve Delay =		14
32	** Not Authorized **		24
33	Flow		4
34	Flow =		7
35	Flow* =		7
36	/Min		4
37	/Hr		3
**38	Temperature =		15
**39	Ref Density		12
**40	Rel Density =		18
**41	Meter Factor =		18
42	Raw		3
43	Grs		3
44	Gst		3
45	Mass		4
46	Mas		3
47	Raw Trans		15
48	Grs Trans		15
49	Gst Trans		15
50	Mas Trans		15
51	Add 1 =		7
52	Add 2 =		7
53	Add 3 =		7
54	Add 4 =		7
55	Add 5 =		7
56	Add 6 =		7
57	Add 7 =		7
58	Add 8 =		7
59	Injector		8
60	Select Injector#		16
61	Inj On=#		8
62	No Injectors Selected		24
63	Inj		3

Entry Number	Entry Description	Translation	Output Length
64	Prg		3
65	Cal		3
66	Density		7
67	Total		5
**68	Valve Requested		17
69	Open		4
70	Closed		6
71	Lock		4
72	Off		3
73	On		3
74	Secs.		5
75	Current		7
76	Batch		5
77	Trans		5
78	Preset Completed		16
79,80,**81	Preset batch volume exceeds the maximum permitted.		3 * 24
82,83,**84	Preset batch volume is below the minimum required.		3 * 24
85,86	Invalid ID number. Press CLEAR to enter.		2 * 24
87,88,**89	The preset volume will cause the max transaction volume to be exceeded.		3 * 24
90,**91	Fatal: Entry is out of specified range.		2 * 24
92	Prv Err		7
93	Not Available		13
94	STM Ready		15

Note: The output length of each table entry signifies the maximum number of characters allowable for that particular message even though the default message may not take up all spaces allowed.

Note: * An entry number flagged with an asterisk (*), designates that the entry description should have a leading space in the message. This will allow for display concatenation without running words together.

Note: ** An entry number flagged with two asterisks (**), designates that the entry description should have a trailing space in the message. This will allow for display concatenation without running words together.

Note: Any table entry that has more than one entry number are 24 character messages each. They are concatenated together to form a scrolling message.

Appendix II

The following table provides the entry number, description of the data entry, the code reference (if any) and the number of columns required for the data.

DELIVERY REPORT CONFIGURABLE ENTRY TABLE

Entry	Description	Code Ref	Columns
1	Alarm History Alarm Codes		60
2	Transaction Completion Time and Date		8
3	Transaction Number		4
4	Response to Prompt Message One		9
5	Response to Prompt Message Two		9
6	Response to Prompt Message Three		9
7	Response to Prompt Message Four		9
8	Response to Prompt Message Five		9
9	Additive Number One Name	S814	9
10	Additive Number Two Name	S815	9
11	Additive Number Three Name	S816	9
12	Additive Number Four Name	S817	9
13	Additive Number Five Name	S818	9
14	Additive Number Six Name	S819	9
15	Additive Number Seven Name	S820	9
16	Additive Number Eight Name	S821	9
17	Additive Injector # 1 Volume for the First Batch Run		9
18	Additive Injector # 1 Volume for the Second Batch Run		9
19	Additive Injector # 1 Volume for the Third Batch Run		9
20	Additive Injector # 1 Volume for the Fourth Batch Run		9
21	Additive Injector # 1 Volume for the Fifth Batch Run		9
22	Additive Injector # 1 Volume for the Sixth Batch Run		9
23	Additive Injector # 1 Volume for the Seventh Batch Run		9
24	Additive Injector # 1 Volume for the Eighth Batch Run		9
25	Additive Injector # 1 Volume for the Ninth Batch Run		9
26	Additive Injector # 2 Volume for the First Batch Run		9
27	Additive Injector # 2 Volume for the Second Batch Run		9
28	Additive Injector # 2 Volume for the Third Batch Run		9

Entry	Description	Code Ref	Columns
29	Additive Injector # 2 Volume for the Fourth Batch Run		9
30	Additive Injector # 2 Volume for the Fifth Batch Run		9
31	Additive Injector # 2 Volume for the Sixth Batch Run		9
32	Additive Injector # 2 Volume for the Seventh Batch Run		9
33	Additive Injector # 2 Volume for the Eighth Batch Run		9
34	Additive Injector # 2 Volume for the Ninth Batch Run		9
35	Additive Injector # 3 Volume for the First Batch Run		9
36	Additive Injector # 3 Volume for the Second Batch Run		9
37	Additive Injector # 3 Volume for the Third Batch Run		9
38	Additive Injector # 3 Volume for the Fourth Batch Run		9
39	Additive Injector # 3 Volume for the Fifth Batch Run		9
40	Additive Injector # 3 Volume for the Sixth Batch Run		9
41	Additive Injector # 3 Volume for the Seventh Batch Run		9
42	Additive Injector # 3 Volume for the Eighth Batch Run		9
43	Additive Injector # 3 Volume for the Ninth Batch Run		9
44	Additive Injector # 4 Volume for the First Batch Run		9
45	Additive Injector # 4 Volume for the Second Batch Run		9
46	Additive Injector # 4 Volume for the Third Batch Run		9
47	Additive Injector # 4 Volume for the Fourth Batch Run		9
48	Additive Injector # 4 Volume for the Fifth Batch Run		9
49	Additive Injector # 4 Volume for the Sixth Batch Run		9
50	Additive Injector # 4 Volume for the Seventh Batch Run		9
51	Additive Injector # 4 Volume for the Eighth Batch Run		9
52	Additive Injector # 4 Volume for the Ninth Batch Run		9
53	Additive Injector # 5 Volume for the First Batch Run		9
54	Additive Injector # 5 Volume for the Second Batch Run		9
55	Additive Injector # 5 Volume for the Third Batch Run		9
56	Additive Injector # 5 Volume for the Fourth Batch Run		9
57	Additive Injector # 5 Volume for the Fifth Batch Run		9
58	Additive Injector # 5 Volume for the Sixth Batch Run		9
59	Additive Injector # 5 Volume for the Seventh Batch Run		9
60	Additive Injector # 5 Volume for the Eighth Batch Run		9
61	Additive Injector # 5 Volume for the Ninth Batch Run		9
62	Additive Injector # 6 Volume for the First Batch Run		9

Entry	Description	Code Ref	Columns
63	Additive Injector # 6 Volume for the Second Batch Run		9
64	Additive Injector # 6 Volume for the Third Batch Run		9
65	Additive Injector # 6 Volume for the Fourth Batch Run		9
66	Additive Injector # 6 Volume for the Fifth Batch Run		9
67	Additive Injector # 6 Volume for the Sixth Batch Run		9
68	Additive Injector # 6 Volume for the Seventh Batch Run		9
69	Additive Injector # 6 Volume for the Eighth Batch Run		9
70	Additive Injector # 6 Volume for the Ninth Batch Run		9
71	Additive Injector # 7 Volume for the First Batch Run		9
72	Additive Injector # 7 Volume for the Second Batch Run		9
73	Additive Injector # 7 Volume for the Third Batch Run		9
74	Additive Injector # 7 Volume for the Fourth Batch Run		9
75	Additive Injector # 7 Volume for the Fifth Batch Run		9
76	Additive Injector # 7 Volume for the Sixth Batch Run		9
77	Additive Injector # 7 Volume for the Seventh Batch Run		9
78	Additive Injector # 7 Volume for the Eighth Batch Run		9
79	Additive Injector # 7 Volume for the Ninth Batch Run		9
80	Additive Injector # 8 Volume for the First Batch Run		9
81	Additive Injector # 8 Volume for the Second Batch Run		9
82	Additive Injector # 8 Volume for the Third Batch Run		9
83	Additive Injector # 8 Volume for the Fourth Batch Run		9
84	Additive Injector # 8 Volume for the Fifth Batch Run		9
85	Additive Injector # 8 Volume for the Sixth Batch Run		9
86	Additive Injector # 8 Volume for the Seventh Batch Run		9
87	Additive Injector # 8 Volume for the Eighth Batch Run		9
88	Additive Injector # 8 Volume for the Ninth Batch Run		9
89	Additive Injector #1 Transaction Volume		9
90	Additive Injector #2 Transaction Volume		9
91	Additive Injector #3 Transaction Volume		9
92	Additive Injector #4 Transaction Volume		9
93	Additive Injector #5 Transaction Volume		9
94	Additive Injector #6 Transaction Volume		9
95	Additive Injector #7 Transaction Volume		9

Entry	Description	Code Ref	Columns
96	Additive Injector #8 Transaction Volume		9
97	Product Name of Product One	P180	9
98	Product Name of Product Two	P180	9
99	Product Name of Product Three	P180	9
100	Product Name of Product Four	P180	9
101	Raw Volume, First Batch		7
102	Gross Volume, First Batch		7
103	Gst Volume, First Batch		7
104	Mass Totals, First Batch		7
105	Raw Volume, Second Batch		7
106	Gross Volume, Second Batch		7
107	Gst Volume, Second Batch		7
108	Mass Totals, Second Batch		7
109	Raw Volume, Third Batch		7
110	Gross Volume, Third Batch		7
111	Gst Volume, Third Batch		7
112	Mass Totals, Third Batch		7
113	Raw Volume, Fourth Batch		7
114	Gross Volume, Fourth Batch		7
115	Gst Volume, Fourth Batch		7
116	Mass Totals, Fourth Batch		7
117	Raw Volume, Fifth Batch		7
118	Gross Volume, Fifth Batch		7
119	Gst Volume, Fifth Batch		7
120	Mass Totals, Fifth Batch		7
121	Raw Volume, Sixth Batch		7
122	Gross Volume, Sixth Batch		7
123	Gst Volume, Sixth Batch		7
124	Mass Totals, Sixth Batch		7
125	Raw Volume, Seventh Batch		7
126	Gross Volume, Seventh Batch		7
127	Gst Volume, Seventh Batch		7
128	Mass Totals, Seventh Batch		7
129	Raw Volume, Eighth Batch		7

Entry	Description	Code Ref	Columns
130	Gross Volume, Eighth Batch		7
131	Gst Volume, Eighth Batch		7
132	Mass Totals, Eighth Batch		7
133	Raw Volume, Ninth Batch		7
134	Gross Volume, Ninth Batch		7
135	Gst Volume, Ninth Batch		7
136	Mass Totals, Ninth Batch		7
137	Product Name, First Batch		9
138	Product Name, Second Batch		9
139	Product Name, Third Batch		9
140	Product Name, Fourth Batch		9
141	Product Name, Fifth Batch		9
142	Product Name, Sixth Batch		9
143	Product Name, Seventh Batch		9
144	Product Name, Eighth Batch		9
145	Product Name, Ninth Batch		9
146	Transaction Volume of Product One, Raw Volume		6
147	Transaction Volume of Product One, Gross Volume		6
148	Transaction Volume of Product One, Gst Volume		6
149	Transaction Volume of Product One, Mass Totals		6
150	Transaction Volume of Product Two, Raw Volume		6
151	Transaction Volume of Product Two, Gross Volume		6
152	Transaction Volume of Product Two, Gst Volume		6
153	Transaction Volume of Product Two, Mass Totals		6
154	Transaction Volume of Product Three, Raw Volume		6
155	Transaction Volume of Product Three, Gross Volume		6
156	Transaction Volume of Product Three, Gst Volume		6
157	Transaction Volume of Product Three, Mass Totals		6
158	Transaction Volume of Product Four, Raw Volume		6
159	Transaction Volume of Product Four, Gross Volume		6
160	Transaction Volume of Product Four, Gst Volume		6
161	Transaction Volume of Product Four, Mass Totals		6
162	Load Average Temperature for the Transaction - Product		6

Entry	Description	Code Ref	Columns
	One		
163	Load Average Temperature for the Transaction - Product Two		6
164	Load Average Temperature for the Transaction - Product Three		6
165	Load Average Temperature for the Transaction - Product Four		6
166	Load Average Temperature, First Batch		6
167	Load Average Temperature, Second Batch		6
168	Load Average Temperature, Third Batch		6
169	Load Average Temperature, Fourth Batch		6
170	Load Average Temperature, Fifth Batch		6
171	Load Average Temperature, Sixth Batch		6
172	Load Average Temperature, Seventh Batch		6
173	Load Average Temperature, Eighth Batch		6
174	Load Average Temperature, Ninth Batch		6
175	Reference Density Product One	P442	6
176	Reference Density Product Two	P442	6
177	Reference Density Product Three	P442	6
178	Reference Density Product Four	P442	6
179	Prompt Message One	S726	20
180	Prompt Message Two	S727	20
181	Prompt Message Three	S728	20
182	Prompt Message Four	S729	20
183	Prompt Message Five	S730	20
184	Printer Message Number One	S711	20
185	Printer Message Number Two	S712	20
186	Printer Message Number Three	S713	20
187	Printer Message Number Four	S714	20
188	Printer Message Number Five	S715	20
189	Printer Message Number Six	S716	20
190	Printer Message Number Seven	S717	20
191	Printer Message Number Eight	S718	20
192	Printer Message Number Nine	S719	20
193	Printer Message Number Ten	S720	20

Entry	Description	Code Ref	Columns
194	Printer Message Number Eleven	S721	20
195	Printer Message Number Twelve	S722	20
196	Printer Message Number Thirteen	S723	20
197	Printer Message Number Fourteen	S724	20
198	Printer Message Number Fifteen	P701-704	80
199	HM Classification for the Transaction	S733	80
200	HM Classification for Product 1	P701-704	80
201	HM Classification for Product 2	P701-704	80
202	HM Classification for Product 3	P701-704	80
203	HM Classification for Product 4	P701-704	80
204	Load Average Meter Factor - First Batch		6
205	Load Average Meter Factor - Second Batch		6
206	Load Average Meter Factor - Third Batch		6
207	Load Average Meter Factor - Fourth Batch		6
208	Load Average Meter Factor - Fifth Batch		6
209	Load Average Meter Factor - Sixth Batch		6
210	Load Average Meter Factor - Seventh Batch		6
211	Load Average Meter Factor - Eighth Batch		6
212	Load Average Meter Factor - Ninth Batch		6
213	Unit Identification	S731	20
214	Temperature Units	S441	1
215	Volume Units	S341	3
216	Mass Units	S445	3
217	Additive Injector Units	S857	3
218	Form Feed		0
219	End of Forms Form Feed <i>Note: This code applies to STM-01 and above firmware.</i>		

Appendix III

Ready/Run Mode Alarm Clearing

Entry Number	Alarm	Selection (0-cleared, 1-not cleared)
1	CM: Communications	
2	SP: Shared Printer	
3	SF: Storage Full	
4	F1: Injector 1 Feedback	
5	F2: Injector 2 Feedback	
6	F3: Injector 3 Feedback	
7	F4: Injector 4 Feedback	
8	F5: Injector 5 Feedback	
9	F6: Injector 6 Feedback	
10	F7: Injector 7 Feedback	
11	F8: Injector 8 Feedback	
12	H2: Printer Hardware Failure	
13	O2: Paper Out	
14	A2: Access Cover Open	
15	D2: Printer Deselected	
16	B2: Printer Buffer Overflow	
17	P2: Printer Communications	
18	E2: General Printer Error	
19	I2: Printer Not Responding	
20	H4: Printer Hardware Failure	
21	O4: Paper Out	
22	A4: Access Cover Open	
23	D4: Printer Deselected	
24	B4: Printer Buffer Overflow	
25	P4: Printer Communications	
26	E4: General Printer Error	
27	I4: Printer Not Responding	
28	PA: Power-fail	
29	HT: High Temperature	
30	LT: Low Temperature	
31	TP: Temperature Probe	

Entry Number	Alarm	Selection (0-cleared, 1-not cleared)
32	BP: Back Pressure	
33	LF: Low Flow	
34	HF: High Flow	
35	TK: Ticket Printer	
36	OA: Overrun	
37	PT: Pulse Transmission	
38	VF: Valve Fault	
39	PS: Pulse Security	
40	ZF: Zero Flow	
41	CF: Unconfigured Flow	
42	UF: Unauthorized Flow	

Related Publications

The following literature can be obtained from the FMC Technologies Measurement Solutions Literature Fulfillment at johno@gohrs.com or at www.fmctechnologies.com/measurementsolutions. When requesting literature from Literature Fulfillment, please reference the appropriate bulletin number and title.

AccuLoad II - STM

Specifications	SS06022
Programming Workbook	AB06040
Installation	MN06086
Operator Guide	MN06087
Operator Reference	MN06088L
Communications	MN06092L

Revisions included in AB06040 Issue/Rev. 0.2 (1/96):
Page 38: Added codes 911 - Calibration Event Counter and 912 - Configuration Event Counter.

The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

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Thetford, England Phone (44) 1842-82-2900
Kongsberg, Norway Phone (47) 32/286-700
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Integrated Measurement Systems:

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Kongsberg, Norway Phone (47) 32/286-700
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