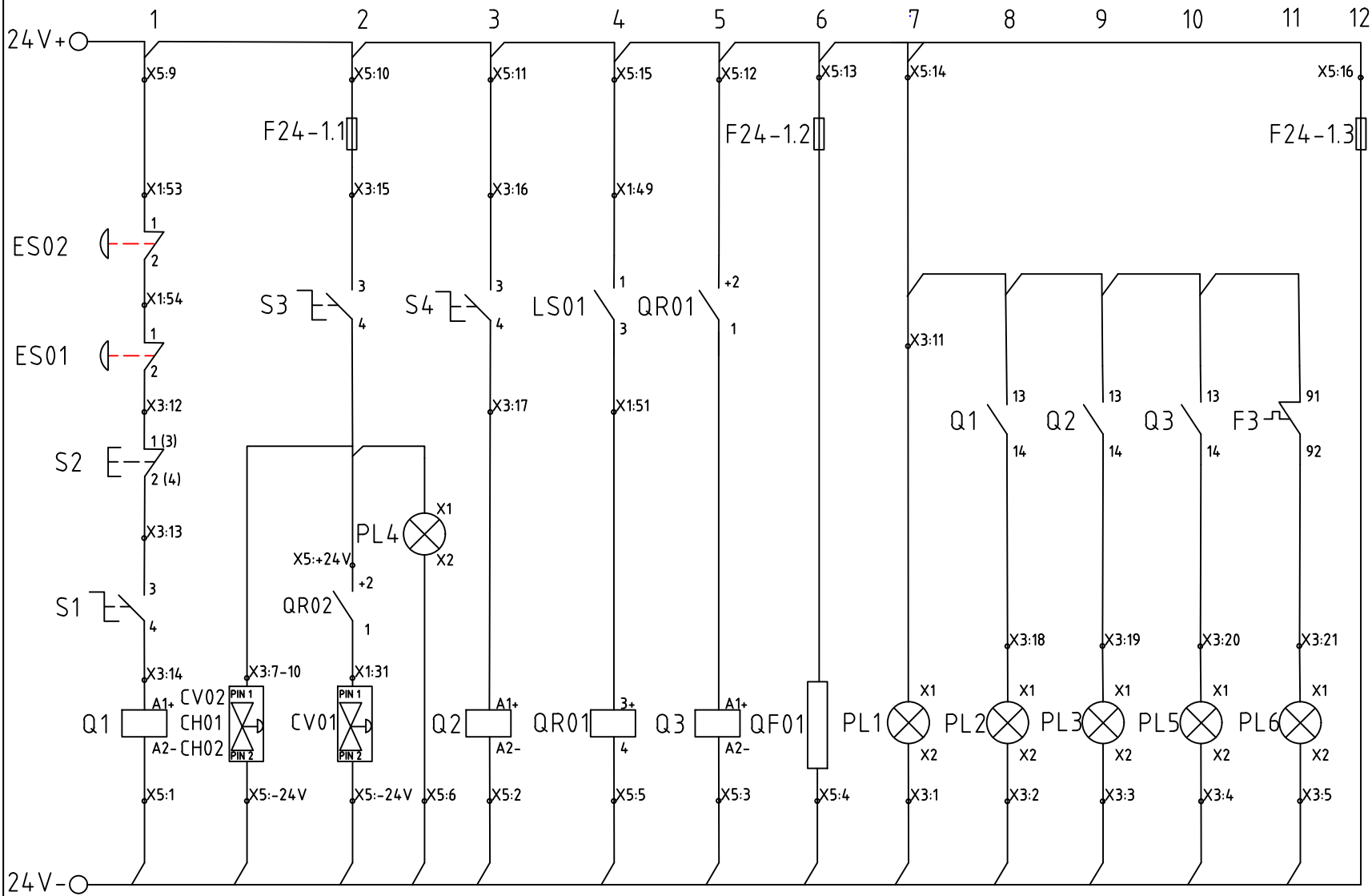
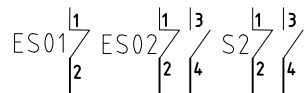


FAT performed: Check internal connections on terminal blocks and components	
Signature:	Date:
Signature:	Date:



Item	Description
F24-1.1	Element fuse, TB, Control Valves, 5x20mm T3.15A Slow blow
F24-1.2	Element fuse, TB, QF01 Fan, 5x20mm 0.630A Quick blow
F24-1.3	Element fuse, Terminal Block, SPARE, 5x20mm T3.15A Slow blow
ES02	Emergency Stop, Field
ES01	Emergency Stop, Panel
S1	Start, main circuit Q1
S2	Stop, Door switch
S3	Start, control valves
S4	Start, Oil pump
QR01	Relay, dir. 24V to Q2
QR02	Relay, dir. 24V to CV01 - A. Surge
Q1	Contactor, Main
Q2	Contactor, Oil pump
Q3	Contactor, Water pump
F3	Motor protection switch, NC Simulate water pump not running
QF01	Cabinet fan
PL1	Lamp, Signal Power on
PL2	Lamp, Main circuit
PL3	Lamp, Oil pump on
PL4	Lamp, Control valves supply on
PL5	Lamp, Water pump on
PL6	Lamp, Motor protection tripped for C2



COMMENTS:
1. S2 wired with NO pair (Drawing illustrated closed circuit (door closed))
2. X5:15, F24-1.3 is spare branch for flow meter circuit (not connected 13/3)

24 VDC Control Circuit			Department of Mechanical and Industrial Engineering (MTP), NTNU
Wet Gas Compression			
Designed by: N.T.	Rev: 04 -09/05-17, N.T.		Subsea Process Control Laboratory
Date: 27.02.2017	Scale: A4	Sheet 1 of 1	