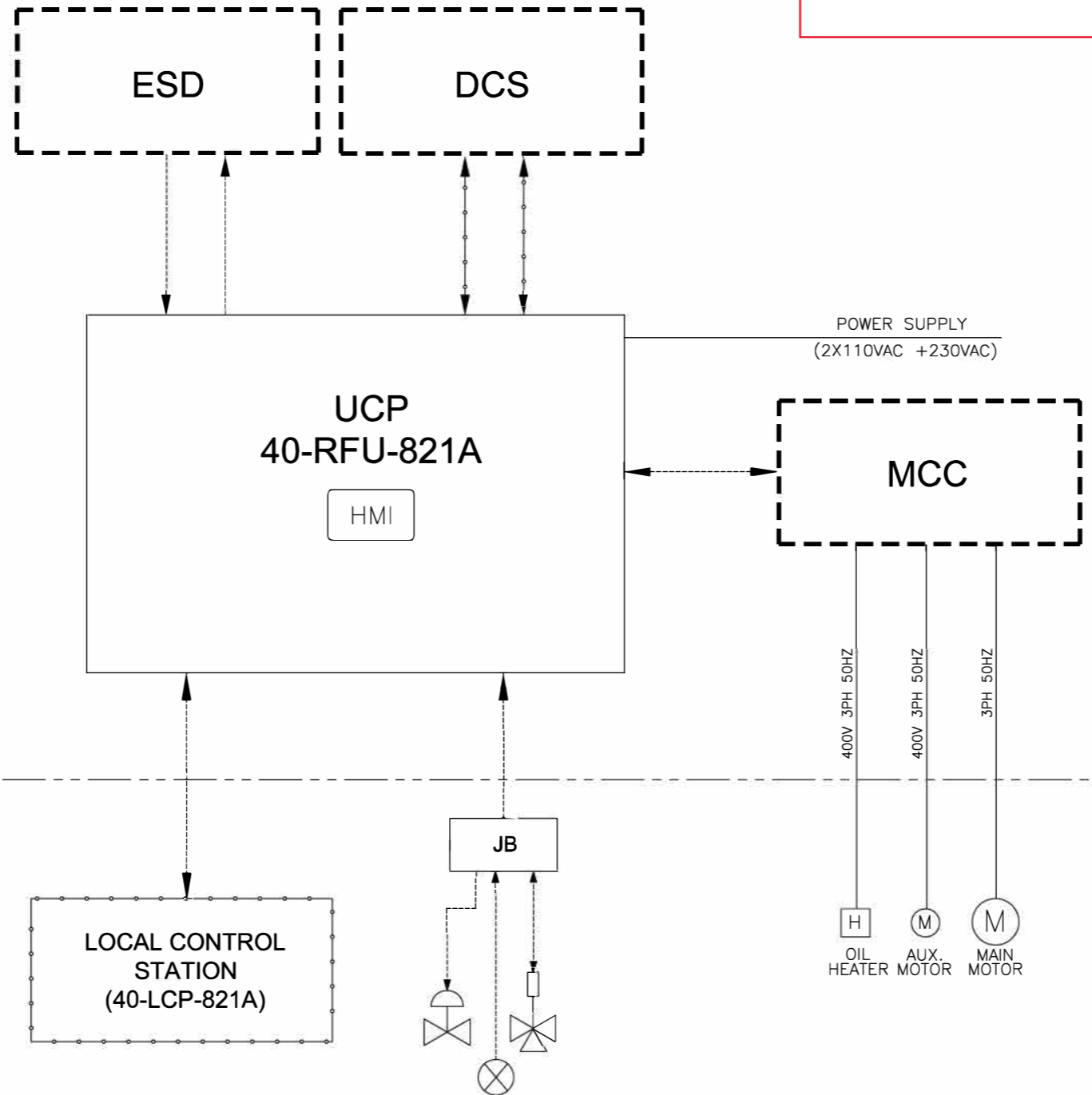


The PLC shall be based on proven and reliable technology satisfying TUV requirements and approvals for SIL-3 according to IEC-61511 or AK6 according to DIN V 19250.

For shutdown related signals, the IO card shall be fail safe, SIL3 and redundant.

Power supply, CPU and communication modules of PLC to be redundant.
For close control loop (If any), the redundant IO card, shall be considered.

One operator station (including PC, monitor, keyboard, mouse and relevant interconnection cables to PLC panel) shall be considered for installation in control room.



NOTE

REFERENCE DOCUMENTS	DOC. NO.

LEGEND

- TRANSMITTER
- CONTROL VALVE
- SOLENOID VALVE
- HARDWIRE SIGNALS
- MODBUS TCP/IP (ETHERNET CABLE)

EQUIPMENT LIST

REV.	DATE	FOR APPROVAL	H.K. BY	M.O. BY	A.M. BY	A.M. BY
00	13-AUG-22	FOR APPROVAL				

		Contract No. SMC-11-12/204	SCALE: N.T.S
--	--	-------------------------------	--------------

DRAWING TITLE:
CONTROL SYSTEM BLOCK DIAGRAM

DRAWING NO.	REV.	SHEET No.	SIZE
	1 00	1 OF 1	A3