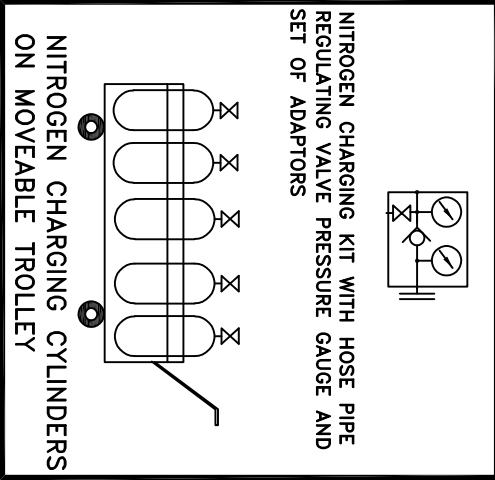
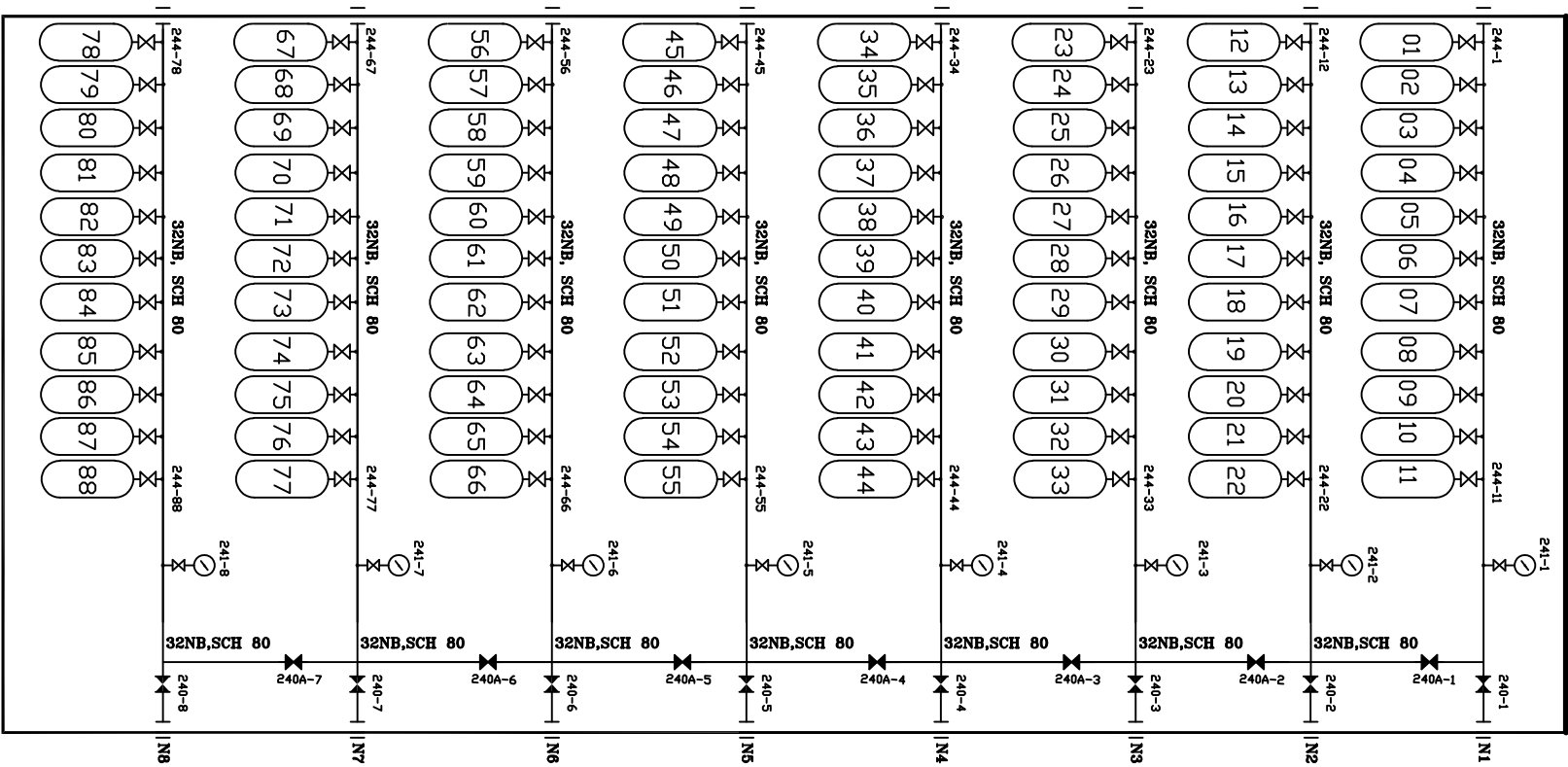


50761 10 022 3 ON DRD

NITROGEN BOTTLE BANK (DEVICE NO.252)



COMMON FOR ALL UNITS OF
POWER HOUSE

TECHNICAL REQUIREMENT

A) N2 BOTTLE BANK

1. TOTAL 88 NOS. OF N2 BOTTLE MUST BE ASSEMBLED IN SINGLE STAND.
2. EACH BOTTLE MUST HAVE FULL BORE AND ASSEMBLED WITH 3/4" BSP (20 NB) BALL VALVE
3. FOR EACH STACK OF 11 NOS. N2 BOTTLES ONE COMMON HEADER MUST BE PROVIDED.
4. EACH COMMON HEADER MUST HAVE 1 1/4" BSP (32 NB) FULL BORE BALL VALVE AT ONE END & OTHER END MUST BE PLUGGED AS SHOWN IN THE DRAWING.
5. ALL COMMON HEADERS MUST HAVE INTERCONNECTION BALL VALVE OF 1 1/4" BSP (32 NB)
6. ALL N2 BOTTLES MUST BE PRECHARGED AT 100 KG/CM2.
7. TOTAL WEIGHT OF THE QUAD INCLUDING N2 GAS MUST BE FURNISHED BY VENDOR.

B) CHARGING KIT

1. CHARGING HOSE AND REGULATOR MUST HAVE MATCHING CONNECTIONS AT BOTH THE ENDS FOR CHARGING BLOCK OF PISTON ACCUMULATOR AND N2 CHARGING CYLINDERS.

C) CHARGING CYLINDER

1. EACH CHARGING CYLINDER (QTY:5 NOS.) MUST BE PRECHARGED AT 200 BAR (PRESSURE TESTED AT 300 BAR).
2. EACH CHARGING CYLINDER MUST HAVE 3/4" BSP REGULATING VALVE
3. CHARGING CYLINDERS MUST BE MOUNTED ON MOVEABLE TROLLEY

LEGEND	
N1 to N8	32NB CLASS 900 FEMALE CONNECTION WITH PLUG
240-1~8 AND 240A-1~7	32NB CLASS 900
244-1~88	20NB CLASS 900

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REF. DRG. NO.

SIGN. & DATE

REV.	DATE	ALTERED
		CHECKED
		APPD.

REV.	DATE	ALTERED
		CHECKED
		APPD.

REV.	DATE	ALTERED
		CHECKED
		APPD.

DEPT.	UNTOL.	DIMS. GR.	SCALE	WEIGHT(K.G.)	REF.TO ASSY.DRG.	ITEM NO.	NO.OF ITEM
HPE	REF.	DRG. NO.	N.T.S.		—	—	—
CODE	415						



BHARAT HEAVY ELECTRICALS LTD.
BHOPAL, INDIA

NAME	SIGN	DATE	NO. OF VAR.
DRN	DB	04.05.19	
CKD	MS	04.05.19	
PKB		04.05.19	

ADDITIONAL INFORMATION
STATUS OF DRAWING U
DISTRIBUTION OF PRINTS
HPE – 1
TYPE OF PRODUCT OR VISHNUGAD PIPAKOTI HYDROELECTRIC PROJECT
NAME OF CUSTOMER/PROJECT (4 X 111 MW – V. FRANCIS)

TITLE: ARRANGEMENT OF
NITROGEN BOTTLE BANK OF GOVERNOR & MIV
DRAWING NO. 3 220 02 19703
REV. 00

SHT. NO. 01 NO. OF SHT. 06