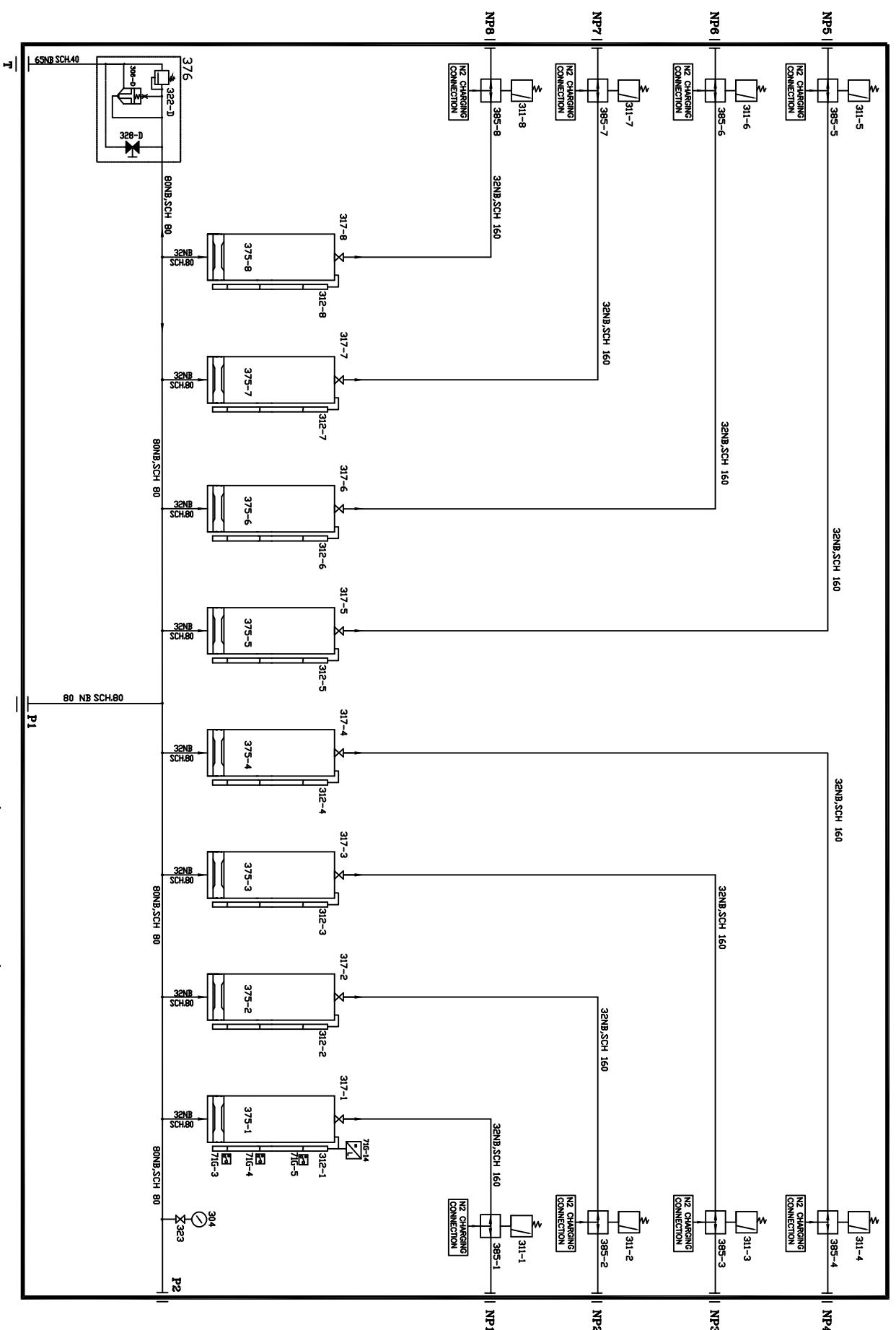


DRG. NO. 3 220 01 19702



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	SIGN. & DATE	REF. DRG. NO.
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PISTON ACCUMULATOR STATION (DEVICE NO. 375)

[illegible]

ADDITIONAL INFORMATION
STATUS OF DRAWING
U
DISTRIBUTION OF PRINTS
HPE -- 1

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT					VISHNUGAD PIPALKOTI HYDROELECTRIC PROJECT (4 x 111 MW - V. FRANCIS)				
 BHARAT HEAVY ELECTRICALS LTD. BHOPAL, INDIA					DRN	DB		19.04.19	NO. OF VAR.
					CKD	AP		19.04.19	
					PKR			19.04.19	
					ABPD				

DEPT.	UNTOL. DIMS. GR.	SCALE	WEIGHT(K.G.)	REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEM
HPE	REF. DRG. NO.			—	—	—
CODE 415		N.T.S.				
TITLE:				DRAWING NO.		
HYDRAULIC SCHEME OF PISTON ACCUMULATOR FOR GOVERNOR & MIV				3 220 01 19702		
				SHT. NO. 01	NO. OF SHIT. 06	REV. 00

LEGEND	
N1, NA1, N2, NA2, N3, NA3, N5, NA5, N6, NA6, N7, NA7, N8, NA8, NC & NC1	1-1/2" BSP FEMALE (PL) CONNECTION WITH METALLIC PLUG
240-1 TD 8, 240A-1 TD 8, 240C-1 TD 6, 240D-1 TD 7, 240F AND 240F-1	32NB CLASS 900
240B-01 TD 112 & 240E-01 TD 05	20NB CLASS 900
317-1 TD 8	32NB CLASS 900
NP1 TD NP8	1-1/2" BSP FEMALE (PL) CONNECTION WITH METALLIC PLUG
T	65 NB DIN, PN16 ATA FOR MANIFOLD BLOOD DRAIN, WITH BLIND MATCHING FLANGE
P1 & P2	80 NB DIN, PN100 ATA FOR PRESSURE WITH MATCHING BLIND FLANGE

COLOUR CODE:	
PRESSURE PIPE (CUL)	YELLOW RAL 1016
DRAIN PIPE (CUL)	BROWN RAL 8012
PRESSURE PIPE (N2)	WHITE RAL 9002
ACCUMULATOR STAND	PEBBLE GRAY RAL 7032
ACCUMULATOR	RED RAL 2010
NITROGEN BOTTLE (EXTERNAL)	WHITE RAL 9002
N2 PIPE (EXTERNAL)	WHITE RAL 9002
N2 BOTTLE BANK STAND	PEBBLE GRAY RAL 7032

NOTE- COLOUR CODE GIVEN IN THE TABLE ARE TENTATIVE. IT WILL BE FINALLY APPROVED BY THE CUSTOMER DURING DRAWING APPROVAL.

TECHNICAL REQUIREMENT:

A) PISTON ACCUMULATOR STATION (DEVICE NO. 375):

1. TOTAL 8 NOS. PISTON ACCUMULATORS TO BE MOUNTED ON SINGLE STATION.
2. EACH PISTON ACCUMULATOR MUST HAVE VISUAL LEVEL INDICATOR ASSEMBLED WITH MAGNETIC FLOAT & MAGNETIC FLAPPERS.
3. ONE NO. PISTON ACCUMULATOR MUST HAVE LEVEL TRANSMITTER & 3 NOS. BISTABLE MAGNETIC SWITCHES AS SHOWN IN THE SCHEMATIC.
4. ACCUMULATOR STATION MUST HAVE ONE OIL HEADER WITH ONE SAFETY CUM SHUTOFF BLOCK AS SHOWN IN DRAWING.
5. ALL PIPES & FITTING MUST BE OF STAINLESS STEEL.
6. EACH ACCUMULATOR MUST HAVE CHARGING BLOCK WITH N2 SAFETY VALVE.
7. EACH ACCUMULATOR SHOULD BE INSTALLED IN VERTICAL POSITION IN THE STATION.