

MANUFACTURING INSTRUCTIONS

A. REFERENCES

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| 1. PROJECT REF. NO. | :- | FSP/1718/SPR/OR037 |
| 2. DRAWING NO. | :- | TJB56-BSWS-I-004 |
| 3. DATE | :- | 19-Jan-2018 |

B. SYSTEM PARAMETERS

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| 1. RATED INCOMING SUPPLY VOLTAGE | :- | 220VAC, 1Φ, 50Hz SUPPLY (UPS & NON-UPS) |
| 2. AMBIENT TEMPERATURE | :- | 40° |
| 3. EARTHING SYSTEM | :- | 1) POWER EARTH BUS TO BE CONNECTED TO THE POWER EARTH BUS AT SITE
2) INSTRUMENT EARTH (IE) BUS TO BE CONNECTED TO I&C BUS |
| 4. EARTH BUS - TYPE/SIZE | :- | 1) PE:- COPPER BUSBAR - 25 X 5mm ²
∅ 6mm. HOLES DRILLED FOR EARTHING
2) IE:- COPPER BUSBAR - 10 X 3mm ²
WITH HOLDING CLAMP |
| 5. EARTH BUS | :- | BARE |

C. CONSTRUCTION

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| 1. TYPE OF PANEL | :- | RITTAL PS SERIES |
| 2. DIMENSIONS IN MM | :- | 1) REGENERATION PLC : W(1200+1200) x H2000 x D800mm+
15mm ANTIVIBRATION-PAD + 100mm PLINTH
2) CPP-5 : W(800+800) x H2000 x D800mm+
15mm ANTIVIBRATION-PAD + 100mm PLINTH
3) CPP-6 : W(800+800) x H2000 x D800mm+
15mm ANTIVIBRATION-PAD + 100mm PLINTH |
| 3. LIFTING EYEBOLTS | :- | PROVIDED |
| 4. WALL MOUNT BRACKETS | :- | NOT APPLICABLE |
| 5. REAR ACCESS | :- | PROVIDED |
| 6. CABLE ENTRY | :- | 1.CPP PLC PANEL -BOTTOM
2.RIO PANEL (UNIT 5)- BOTTOM
3.RIO PANEL (UNIT 6)- BOTTOM |
| 7. CABLE GLAND PLATE DRILLING | :- | COMSEAL PROVIDED |
| 8. DEGREE OF PROTECTION | :- | IP55 |
| 9. PAINT SHADE INSIDE | :- | RAL 7032 |
| 10. PAINT SHADE OUTSIDE | :- | RAL 7032 |

NO	DATE	ISSUE FOR FABRICATION	SBD	SBD	GPD	SNC
01	17-Jan-2018	CHANGED DURING APPROVAL	SBD	SBD	GPD	SNC
02	24-Jan-2018	CHANGED DURING APPROVAL	SBD	SBD	GPD	SNC
03	24-Jan-2018	CHANGED DURING APPROVAL	SBD	SBD	GPD	SNC
04	11-Feb-2018	CHANGED DURING APPROVAL	SBD	SBD	GPD	SNC
NO	DD/MM/YY	REVISIONS AND RECORD OF ISSUE	BY	DES	CHKD	APPR
SCALE		BSWS DRAWING TITLE				
NTS		Outline Drawing for Condensate Polishing Plant PLC & Remote IO Panel Control Panel				
UNITS		VIEW				
mm/m		ISQ/PLAN/IST/3RD				
CPP SYSTEM CONTRACTOR		BSWS DRAWING NO.				REV
		TJB56-BSWS-I-004				00
SHEET NO.		3		OF		24