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BHEL RANIPET	STANDARD CHECK LIST FOR THERMOSTAT (Indigenous)	
REF.NO.	REVISION NO.	EFFECTIVE DATE
CKL:E:808	00	30 10 2002
TITLE : THERMOSTAT		
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ISSUED & CONTROLLED BY :: QUALITY ASSURANCE BHEL, RANIPET -632 406		
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RECORD OF REVISION <table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">REV.NO</th> <th style="text-align: center;">Effective Date</th> <th style="text-align: center;">Remarks</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">00</td> <td style="text-align: center;">30 10 2002</td> <td style="text-align: center;">Original Issue</td> </tr> </tbody> </table>			REV.NO	Effective Date	Remarks	00	30 10 2002	Original Issue
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FOLLOWING TESTS / CHECKS ARE TO BE DONE AS PER BHEL PURCHASE SPECIFICATION/DRGS. The vendor has to do 100% tests / checks as above and 10% of samples will be selected by BHEL during final inspection for acceptance of the lot.

1. Visual Inspection check for any physical damage
2. Check for dimension including process connection
3. Physical requirement (for type, range, make, finish, tag number and contact rating etc.,).
4. Functional Test
5. Accuracy test and repeatability test } As per Spec/drg/Datasheet as applicable
6. Over temperature test }
7. Insulation resistance test with 500V DC for one minute and IR value shall not be less than 1 meg-ohm.
8. High voltage test with 1.5 KV for one minute between live points and earth.
9. Thermo well material test certificate as per relevant standard/Drugs
10. Check on thermo well dimension
11. Hydraulic test for thermo well at 150% of design pressure (there shall not be no leakage).
12. Review of internal inspection records of materials of burden tube or bellows (as applicable) movement, shank, and connection etc.
13. Verification of cable gland, plug and socket (as applicable) as in the purchase specification / drawing being approved by BHEL.
14. IP 55 Test certificate shall be submitted.

All other requirements shall be ensured as per BHEL Purchase Order and BHEL Specifications/Drawings.