

| Sl No.      | Material code                                    | Material Description |   | Unit Code | Stock in Hand | Consumption rate | Item Cat | Qty |
|-------------|--|----------------------|---|-----------|---------------|------------------|----------|-----|
|             |  |                      |   |           |               |                  |          |     |
| 1           |  | Element material     | Platinum                                      |           |               |                  |          | 10  |
|             |  | Resistance @ 0°C     | 100 Ohm                                       |           |               |                  |          |     |
|             |  | Operating range      | 0 to 400° C                                   |           |               |                  |          |     |
|             |  | Accuracy @ 0°C       | ±0.5%   |           |               |                  |          |     |
|             |  | No. of lead wires    | 3 wires                                       |           |               |                  |          |     |
|             |  | Probe Diameter       | 1/8"  |           |               |                  |          |     |
|             |  | No. of elements      | Single element                                |           |               |                  |          |     |
|             |  | Termination end      | Miniature connection head                     |           |               |                  |          |     |
|             |  | Length               | 45cm.   |           |               |                  |          |     |
|             |  | Connection head      |   |           |               |                  |          |     |
|             |  | MOC                  | Cast aluminium                                |           |               |                  |          |     |
|             |  | Conduit connection   | 3/4" NPT                                      |           |               |                  |          |     |
|             |  | Process connection   | 1/2" NPT (M)                                  |           |               |                  |          |     |
| Termination | Ceramic composition with solid brass screw block |                      |   |           |               |                  |          |     |
| 2           |  | Thermowell           |   |           |               |                  |          | 5   |
|             |  | Process connection   | 1/2" NPT (F)                                  |           |               |                  |          |     |
|             |  | Moc                  | 304/L   |           |               |                  |          |     |
|             |  | Length of Thermowell | 45 c.m.                                       |           |               |                  |          |     |
|             |  | Application          | Temperature measurement for Flu Gas in Boiler |           |               |                  |          |     |
|             |  | Make:                | Siemens, Jaspin, Emerson, Asiatic Engineers   |           |               |                  |          |     |