Annexure ‘B’

* 1. **GTP for Suspension Assembly (Suspension Clamp with Bracket)**

|  |  |  |
| --- | --- | --- |
| **S.** |  |  |
| **No** | **Particulars** |  |
| 1 | Type of Clamp | Suspension Clamp with bracket |
| 2 | Name of the Manufacturer |  |
| 3 | Address of the Manufacturer |  |
| 4 | Standard |  |
| 5 | Type Reference and Range of messenger size |  |
| 6 | Installation mode (with / without disassembly) |  |
| 7 | Is bracket & movable link included | Yes |
| 8 | Type & grade Suspension Clamp |  |
| 9 | Is the Material of bracket is die casted, heat treated aluminium alloy (Yes / No) | Yes |
| 10 | Marking |  |
| 11 | Min Breaking Load (KN) (Acceptance test) | For messenger range of 25-50 = 12 KN For messenger range of 70-95 = 15 KN |
| 12 | Di-Electric test (Min 6 KV AC for 1 minute) (Acceptance test) |  |

* 1. **GTP for SS Strap**

|  |  |  |
| --- | --- | --- |
| **Sl.** **No.** | **Parameters** | **Value** |
| 1 | Material composition | ASTM / AISI SS 202 |
| 2 | Tensile strength per loop fitted with one number buckle | Min 7.5 KN |
| 3 | Width of Strap | 20mm ±0.2 |
| 4 | Thickness of Strap | 0.7mm ±0.05 |
| 5 | Marking on the strap for manufacturing date, name of manufacturer and length of 250mm (yes/No) | Yes |
| 6 | Supplied in a plastic dispensable casing for 50 mteres (Yes/No) | Yes |

* 1. **GTP for SS Buckle**

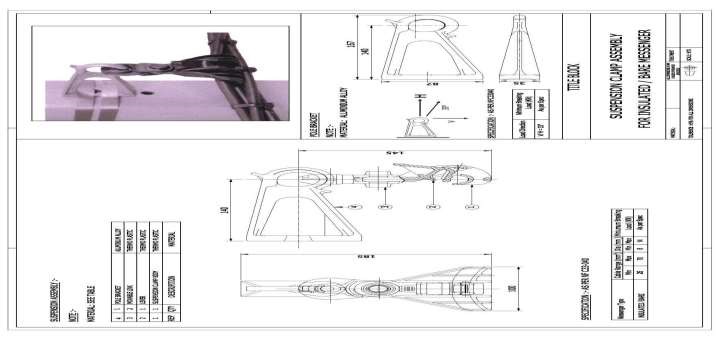
|  |  |  |
| --- | --- | --- |
| **Sl.** **No.** | **Parameters** | **Value** |
| 1 | Material composition | ASTM / AISI SS 304 |
| 2 | Weight of the material |  |
| 3 | Tensile strength (Buckle assembled with one loop of SS Strap\_ | Min 7.5 KN |
| 4 | Supplied as a box of 100 nos each | Yes |

(5) The bidder shall submit following type test report from CPRI / ERDA/ILAC, MRA signatory laboratory like

COFRAC :-

**(i) tensile test, (ii) slippage test, (iii) voltage test, (iv) climatic ageing test, (v)corrosion test on suspension clamp and bracket & (vi) tensile strength test & chemical composition test on SS band and buckle.**

**Tools for stainless steel straps winding [free of cost ] – 1 nos. per 2000 sets of suspension clamp assembly.**



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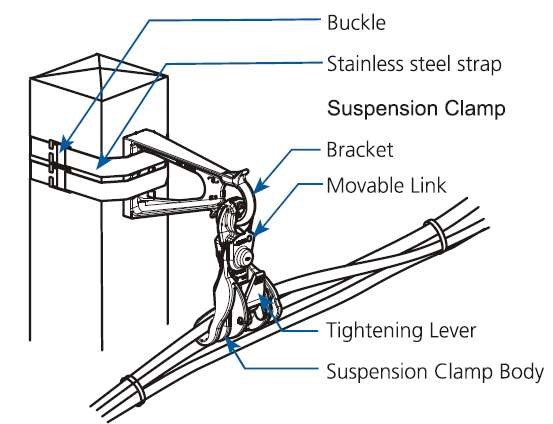
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**(6) Drawing :**

**Typical Drawing of Stainless Steel Strap & Buckle** 