|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Turning (30L + 20D) (6 marks) | | | | Finishing (3 marks) | |
| Length (30mm) | Marks (3) | Diameter (20mm) | Marks (3) |  |  |
| 29.7-30.3 | 3M | 19.7-20.3 | 3M |  |  |
| (29.2-29.6) and (30.4-30.7) | 2M | (19.4-19.6) and (20.4-20.6) | 2M |  |  |
| (28.7-29.1) and (30.8-31.2) | 1M | (19-19.3) and (20.7-21) | 1M |  |  |
| <28.7 and > 31.2 | 0M | <19 and > 21 | 0M |  |  |
|  | | | | | |
| Taper turning (20L+18LD+14SD) (6 marks) | | | | | |
| Length (20mm) | Marks (2) | Large Diameter (18mm) | Marks (2) | Small Diameter (14 Actual) | Marks (2) |
| 19.6-20.4 | 2M | 17.6-18.4 | 2M | 13.6-14.4 | 2M |
| (19.2-19.5) and (20.5-20.8) | 1M | (17.2-17.5) and (18.5-18.8) | 1M | (13.2-13.5) and (14.5-14.8) | 1M |
| (19-19.1) and (20.9-21) | 0.5M | (17-17.1) and (18.9-19) | 0.5M | (13-13.1) and (14.9-15) | 0.5M |
| <19 and > 21 | 0 M | <17 and > 19 | 0 M | <13 and > 15 | 0 M |
|  | | | | | |
| Grooving (3 marks) | | | | **Viva (6 Marks)** | |
| Length (5mm) | Marks (1.5) | Diameter (14mm) | Marks (1.5) |  | |
| 4.5-5.5 | 1.5M | 13.7-14.3 | 1.5M |
| (4 - 4.4) and (5.6 - 6) | 1M | (13.3-13.6) and (14.4 -14.6) | 1M |
| < 4 and > 6 | 0 M | < 13.3 and > 14.6 | 0 M |

**ME F110 (Workshop Practice) – Lathe Job Marking Scheme**