

E. Mitre Elbows:

- These are usually used for low pressure, low temperature non critical services having 14” inches and above. They are economical as compared to elbows in higher sizes and hence preferred.
- Mitre bends are usually fabricated at site out of pipe by cutting and re-welding spools as shown in Fig. 7. The Figure is for 5 piece 4 weld mitres. The change in direction at every weld is  $22\frac{1}{2}^{\circ}$ . We may also have 4-piece 3-weld mitre where change in direction at every weld would be  $30^{\circ}$ . Usually 5 piece 4 weld mitres are preferred in order to have smooth flow.

