

TRIFORM REINFORCEMENT

When this type of reinforcement is used for high temperature service or operational conditions involving cyclic temperature changes the thickness of lagging on the reinforcing members shall be equal to that applied to the main pipes. In cases where rapid temperature changes are likely to occur, a thermal stress analysis must be made.

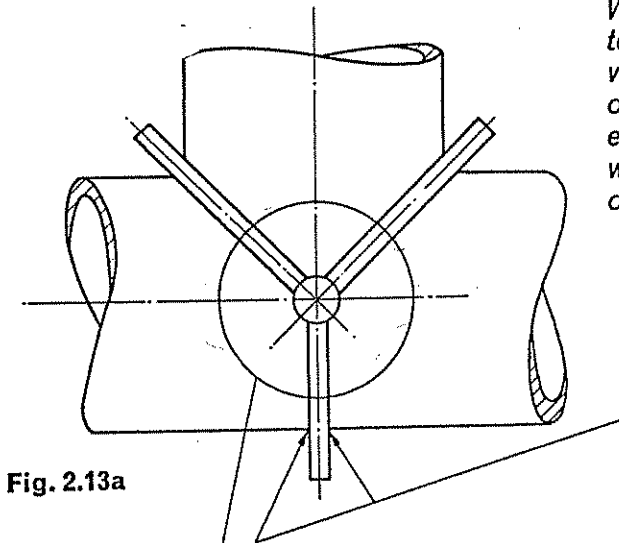


Fig. 2.13a

A light fillet weld is sometimes added between pipe and both sides of reinforcement, in which case a tell tale hole should be provided.

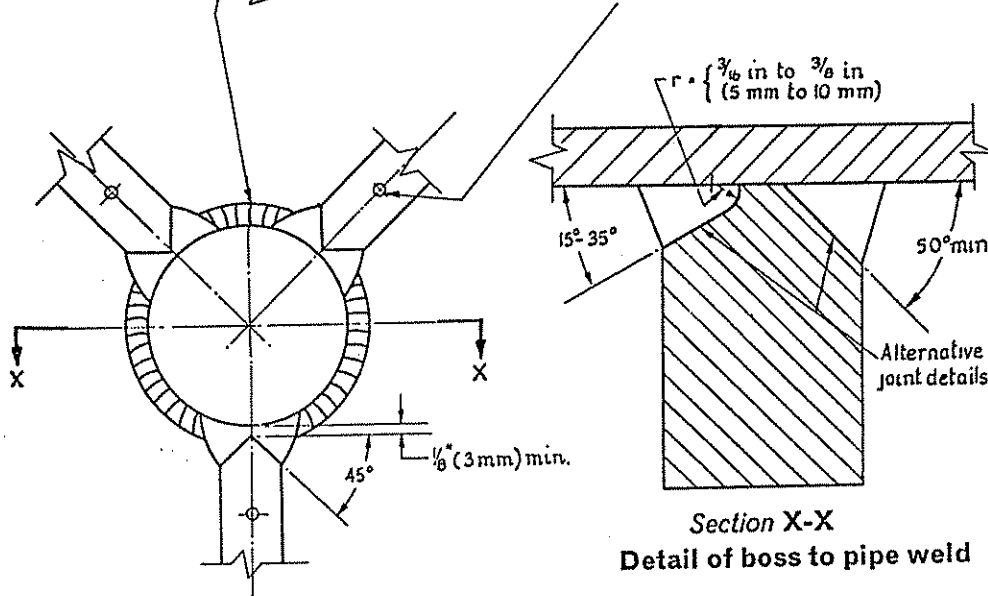


Fig. 2.13b. Detail of reinforcement to boss weld

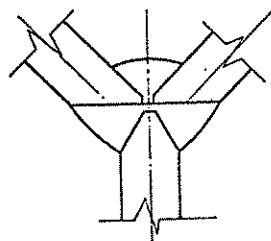


Fig. 2.13c. Alternative method of connecting reinforcing members without a central boss

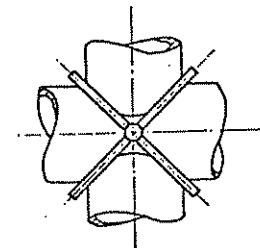


Fig. 2.13d. Reinforcement of cruciform pipe connection