

PIPE ASSEMBLY AND METHOD OF FITTING A PIPE ASSEMBLY

Abstract

5 A pipe assembly (100) and a method (300) of fitting a pipe assembly (100) are disclosed. The pipe assembly (100) includes first and second pipes (110,120). First and second flange collars (130,140) each comprising a circumferential lip (132,142) and defining a flare cavity (134,144) is joined to an end of the respective pipe (110,120). A pipe lining material (150) is formed on internal surfaces of the pipes (110,120) and
10 flared out into the flare cavities (134,144). A flange assembly (160) at the ends of the pipes (110,120) couples the pipes (110,120) to each other. The flange assembly (160) is configured to couple the flange collars (130,140) towards each other and force physical contact between the circumferential lips (132,142), thereby compressing the pipe lining material (150) in the flare cavities (134,144) to seal the pipe lining material
15 (150) in the flare cavities (134,144).

Figure 2A