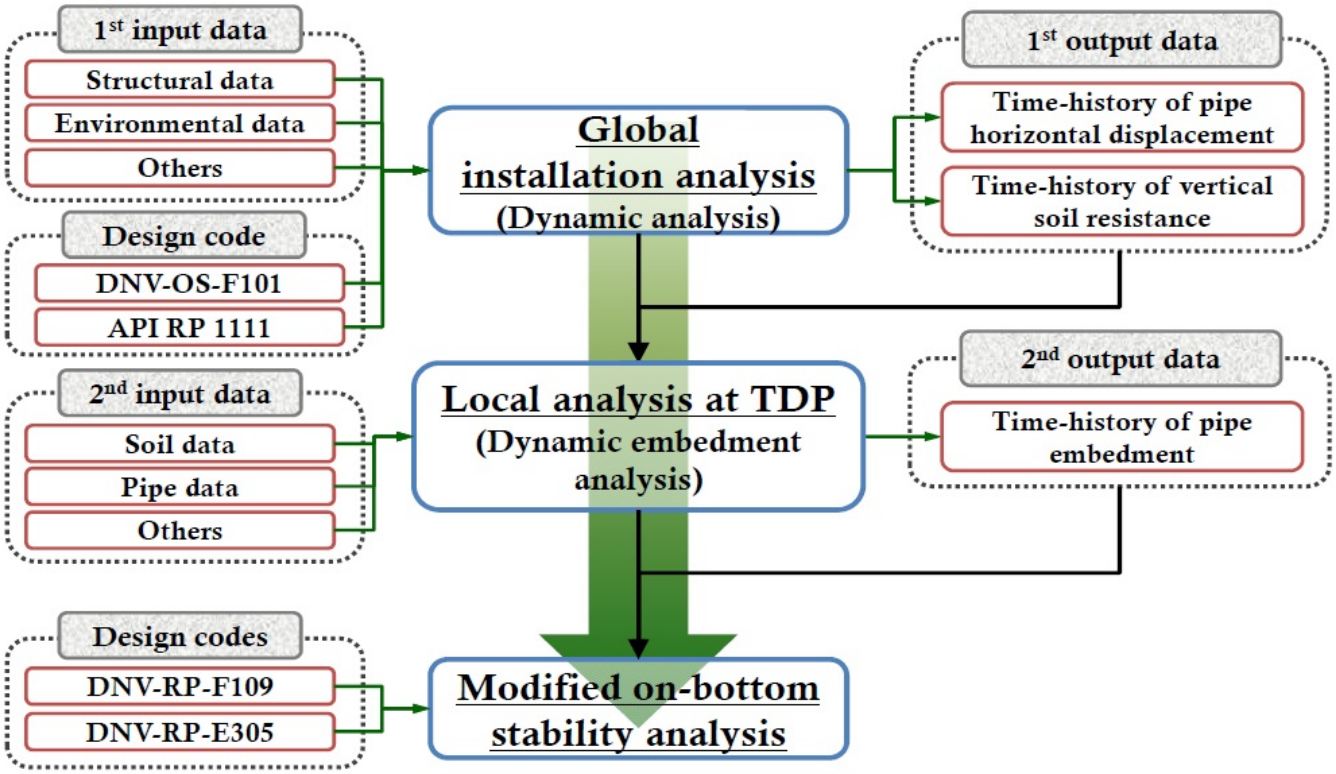
Api Rp 571 Free Download



When guidance is provided, this practice should be referenced to ascertain specific applicability and the extent to which it is appropriate to apply or adapt that guidance. When the provision of guidance is not applicable, reasons should be given for any decision to deviate from the recommended practice. As the basis for this revision, the following areas of proposed guidance were identified: • The recommendation that a pressure relief system be used in fixed equipment to reduce the risk of rapid decompression from a mechanical failure in the equipment. The impact of a pressure relief system in an industrial plant is well understood and detailed guidance is readily available. • The recommendation that a pressure relief system be used in fixed equipment to limit the rate of decompression from mechanical failures. The level of pressure is a significant factor influencing the risk of decompression in the event of an equipment failure. • The recommendation that a pressure relief system be used in fixed equipment to limit the depth of water that is in communication with the equipment during a decompression. The rapid release of pressure from a mechanical failure in fixed equipment can significantly increase the risk of decompression. • The recommendation that a pressure relief system be used in fixed equipment to provide a time delay in the release of pressure from a mechanical failure. The risk of decompression is reduced when the rate of decompression is limited. • The recommendation that a pressure relief system be used in fixed equipment to provide time delay in the release of pressure from a mechanical failure. Similar to the previous recommendation, the rate of pressure release is a significant factor influencing the risk of decompression in the event of an equipment failure. A pressure relief system is normally incorporated in the system where the pressure is to be released in the event of an equipment failure, such as a turbine runner or rod tube, and the release of pressure is governed by a safety valve or multiple safety valves. • The recommendation that a pressure relief system be used in fixed equipment to provide a condition for the release of pressure that is related to a condition that is recognised as a significant factor influencing the risk of decompression in the event of an equipment failure. The pressure that is released in the event of an equipment failure will depend on the load conditions applied to the equipment and the type of equipment failure. • The recommendation that a pressure relief system be used in fixed equipment to limit the rate of decompression from mechanical failures in a fixed vessel to a 82157476af