



I'm not robot



**I'm not robot!**

ISO 13679: specifies tests to be performed to determine the galling tendency, sealing performance and structural integrity of casing and tubing connections that apply to the service application and not to the diameter of the pipe. There are 9 common load points and 5 bending load points in the test load path. Internal shoulder. ISO 13679 (e) pdf disclaimer. Article publication date: 2 July. FE simulation of sealing ability for premium connection based on ISO 13679 cal iv tests. Connection testing procedure, but currently ISO 13679 is a standard testing procedure which is recognized by major oil companies, etc. This product is intended to meet our customers' requirements for products which should meet the toughest conditions.

TMK introduced the Greenwell lubricant-free coating technology last year. According to the ISO 13679 cal iv specification, over the 14 different loading points that are defined on the ellipse (95% of the volume of the pipe body) not only for design verification, but also for customer qualification. Simple, reliable and easy running. Procedia Structural Integrity 22: 43-50. Each member body interested in a subject for which a technical the work of preparing international standards is normally carried out through ISO technical committees. The tests were conducted at the Oil States Industries International Testing Center (Aberdeen, UK). Simulation of sealing ability for premium connection based on ISO 13679 cal iv tests. Sealability validated up to 240°C (464°F).

Optimized buttress thread design. Gas tight proprietary thread connection. This document is part of a process to provide reliable tubing and casing connections for the oil and natural gas industry which are fit for purpose. Petroleum and natural gas industries - procedures for testing casing and tubing connections. TMK premium connections receive ISO 13679 cal iv certification.

"Casing" and "tubing" apply to the service application and not to the diameter of the pipe. Users of this international standard should be aware that further or differing requirements might be needed for individual applications. Extreme compression resistance (100% of pipe body yield strength) bending validated up to 42° / 100ft. Report results on the specimen make-up/break-out data sheet, Form C. Sealing performance is evaluated in each of the quadrants by plotting the seal contact. ISO 13679: (e) c) After each break-out, clean, examine and photograph the pin and box end in accordance with 5, 7. Article ISO 13679 cal iv standard pdf pdf available. Metal to metal seal. Introduction of the loads in cal iv b-series test the purpose of the load envelope test in ISO 13679 is to evaluate whether the sealing ability of threaded connection is within safe limits under high and complex loads. This document covers the testing of connections for the most commonly. TMK premium connections receive another ISO 13679 cal iv certification.

TMK's American division – TMK IPSCO successfully completed qualification tests of premium threaded connections Ultra-QX in accordance with ISO 13679 cal iv standard. The features of ISO 13679 are outlined below. Vasuperior® is a proprietary thread connection designed to meet the ISO 13679, cal iv specification. Issue publication date: 3 February. Qualified to ISO 13679 cal iv, the most stringent connection qualification procedure to date and upcoming API 5C5. The successful ISO 13679: cal iv tests of TMK's pipe products testify to their quality that allows oil and gas companies use them for both onshore and offshore drilling and production projects in challenging environments. TMK, one of the world's leading producers of tubular products for the oil and gas industry, announces that qualification tests of TMK premium connections have ISO 13679 cal iv standard pdf been successfully held in

accordance with the iso 13679 cal iv standard. standard iso 13679. 1 number of specimens there are 4 connection application levels ( cal). it has been developed based on improvements to iso 13679: and proprietary test procedures, pdf with input from leading users, manufacturers and testing consultants from around the world.

on the first and last break- out, record connection geometry data on the specimen geometry data sheet form c. yihua dou, yufei li, yinping cao, yang yu, jiantao zhang, lin zhang. tmk, one of the world' s leading producers of tubular products for the oil and gas industry, has successfully conducted certification of tubing with tmk pf premium connections in accordance with the iso 13679 cal iv standard. this document specifies tests to perform in order to determine the galling tendency, sealing performance and structural integrity of casing and tubing connections. requirement ( 1) stabbing ( 2) sealability ( 5) tool life ( 4) dope pressure ( 3) anti- galling tension. test series c thermal/ mechanical cycles for cal il, ill, and iv. iso 13679 eight test specimens varying geometries and make- up conditions seriesb & c or series a & c testing elevated temperature four cal levels. international journal of structural integrity. iso 13679: ( e) foreword iso ( the international organization for standardization) is a worldwide federation of national standards bodies ( iso member bodies).

this international standard is not intended to inhibit a vendor from offering, or a purchaser from accepting, alternate equipment or engineering solutions for the individual application.