



Petroleum and natural gas industries — Glass-reinforced plastics (GRP) piping —

Part 4:

Fabrication, installation and operation

TECHNICAL CORRIGENDUM 1

Industries du pétrole et du gaz naturel — Canalisations en plastique renforcé de verre (PRV) —

Partie 4: Construction, installation et mise en oeuvre

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 14692-4:2002 was prepared by Technical Committee ISO/TC 67, *Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries*, Subcommittee SC 6, *Processing equipment and systems*.

Page 26, Annex A, Table A.1:

Change the text in the column "Criteria" of the row "Inadequate bond" from

Defect type	Description	Criteria	Corrective action	Corrective action	Corrective action	Corrective action
			Manufacture	Delivery	Installation	Operation
Inadequate bond (e.g. "kissing")	Touching faces, no adhesive	Debond area greater than 30 % of total bond area Axial length of debond greater than 20 % of total axial bond length	Reject	N/A	Reject	Major repair

to

Defect type	Description	Criteria	Corrective action	Corrective action	Corrective action	Corrective action
			Manufacture	Delivery	Installation	Operation
Inadequate bond (e.g. "kissing")	Touching faces, no adhesive	Debond area greater than 30 % of total bond area Axial length of debond greater than 80 % of total axial bond length	Reject	N/A	Reject	Major repair

Page 26, Annex A, Table A.1:

Change the text in the column "Criteria" of the row "Lack of adhesive" from

Defect type	Description	Criteria	Corrective action	Corrective action	Corrective action	Corrective action
			Manufacture	Delivery	Installation	Operation
Lack of adhesive	Touching faces, no adhesive	Debond area greater than 30 % of total bond area Axial length of debond greater than 20 % of total axial bond length	Reject	N/A	Reject	Major repair

to

Defect type	Description	Criteria	Corrective action	Corrective action	Corrective action	Corrective action
			Manufacture	Delivery	Installation	Operation
Lack of adhesive	Touching faces, no adhesive	Debond area greater than 30 % of total bond area Axial length of debond greater than 80 % of total axial bond length	Reject	N/A	Reject	Major repair

Page 52, Bibliography:

Change Reference [5] from

"[5] NORSOK M-622, *Guideline for NDT of GRP piping systems and tanks*"

to

"[5] OLF Guideline 55, *Guideline for NDT of GRP Pipe Systems and Tanks, 1997*".