

## CONTENTS

	Page
FOREWORD .....	1
1 SCOPE .....	2
2 REFERENCES AND ABBREVIATIONS.....	2
2.1–2.10 (References).....	2–3
2.11 Abbreviations.....	4
3 CONFIGURATION.....	4
4 CONNECTIONS .....	4
4.1 Inlet.....	4
4.2 Outlet.....	4
4.3 Vent.....	4
5 DESIGN.....	5
5.1 Design Pressure and Temperature .....	5
5.2 Mechanical Design Requirements.....	5
5.3 Valve Types .....	6
5.4 Design Features .....	6
6 MATERIALS .....	8
7 FIRE SAFETY.....	9
8 TESTING.....	9
9 MARKING .....	10
10 DOCUMENTATION .....	11
10.1 Purchaser's Data Sheet .....	11
10.2 Documentation to be Supplied and/or Retained by the Manufacturer.....	11
10.2.1 Material and Test Certification .....	11
10.2.2 Traceability .....	11
10.2.3 Other Documentation .....	11
11 SUPPLEMENTARY REQUIREMENTS.....	11
S1 Marking.....	11
S2 Surface Examination.....	12
S3 Volumetric Examination .....	12
S3.1 Castings .....	12
S3.2 Forgings .....	12
S3.3 Weldments.....	12
S3.4 Coverage.....	12
S4 Gas Testing .....	12
S5 Helium Leak Testing .....	12
S6 Requirements for Welded Construction.....	13
S7 Requirements for Subsea Application.....	13
S7.1 General .....	13
S7.2 Design.....	13
S7.3 Materials.....	14
S7.4 Testing .....	14
APPENDIX A: HIGH TEMPERATURE TYPE-TEST FOR INTERNAL SCREW VALVES.....	15
APPENDIX B: SIMPLIFIED PROCEDURE FOR FATIGUE ANALYSIS OF THREADED JOINTS .....	16
APPENDIX C: INTEGRAL BLOCK AND BLEED VALVE MANIFOLD DATA SHEET .....	18

INFORMATION SHEET No 20:

APPLICATION GUIDELINES FOR INTEGRAL BLOCK AND BLEED VALVE

MANIFOLDS FOR DIRECT CONNECTION TO PIPEWORK.....	19
1 Introduction .....	19
2 Location .....	19
3 Configuration .....	19
4 Specification .....	19
5 Inlet Connections .....	20
6 Outlet Connections .....	20
6.1 General .....	20
6.2 Restrictions on Threaded Outlet and Vent Connections.....	20
6.3 Restrictions on Compression Fitting Connections .....	21
6.4 Stem Sealing .....	21
7 Threaded Valve Bonnet Connections.....	21
8 Use as Drain Valves.....	21
9 Use for Primary Equipment Isolation .....	22
10 Other Applications.....	22
11 Connected Pipework.....	22
SUMMARY LIST OF CURRENT EEMUA PUBLICATIONS .....	23