BP OIL CO.	CONTROL VALVES, ACTUATORS AND ACCESSORIES DATA SHEET	RP5-3-15 DS	
		Page 1 of 3	
REFINING PRACTICE		Rev. 1	Dec. 1997

PROJECT _____ PROJECT NO. _____ INQUIRY NO. _____

LOCATION _____ UNIT _____

EQUIPMENT ID _____ JOB NO. _____ DOCUMENT NO. _____

DATA ISSUED FOR: ☐ IN-HOUSE REVIEW ☐ BP OIL APPROVAL ☐ QUOTATION

☐ PURCHASE ☐ CONSTRUCTION ☐ _____

THIS SHEET IS A RECORD OF EACH ISSUE OR REVISION TO THE SUBJECT DATA. EACH TIME THE DATA IS CHANGED ONLY THE NEW OR REVISED DATA SHEETS NEED TO BE ISSUED. THE EXACT SHEETS CHANGED AND THE NATURE OF THE CHANGE SHOULD BE NOTED UNDER REMARKS. THESE REMARKS ARE NOT A PART OF THE DATA. THE REVISED DATA SHEET(S) BECOME PART OF THE ORIGINAL DATA AND SHALL BE COMPLIED WITH IN THEIR ENTIRETY.

☐ ALL DATA SHEETS ATTACHED

☐ REVISED DATA SHEET(S) ONLY ATTACHED

REV.	DATE	BY	CHECK	APPROVALS					REMARKS
				SECTION	PROJECT		BP OIL		

EQUIPMENT ID _____ JOB NO. _____ DOCUMENT NO. _____ REV. _____

1	Fluid		Crit Press PC			Tag No.	
	SERVICE CONDITIONS						
		Units	Max Flow	Norm Flow	Min Flow	Shut-Off	
2	Flow Rate						
3	Inlet Pressure						
4	Outlet Pressure						
5	Inlet Temperature						
6	Spec Wt/Spec Grav/Mol Wt						
7	Viscosity/Spec Heats Ratio					–	
8	Vapor Pressure P_v					–	
9	*Required *Cv*					–	
10	*Travel	%				0	
11	Allowable/*Predictable SPL	dBA	/	/	/	–	
12							

LINE

13 Pipe Line Size — In _____
14 & Schedule — Out _____
15 Pipe Lined Insulation _____

VALVE BODY/BONNET

16 *Type _____
17 *Size _____
18 Max Press/Temp _____
19 *Mfr & Model _____
20 *Body/Bonnet Matl _____
21 *Liner Material/ID _____
22 End Connection — In _____
23 Out _____
24 Fig Face Finish _____
25 End Ext/Matl _____
26 *Flow Direction _____
27 *Type of Bonnet _____
28 Lub & Iso Valve _____ Lube _____
29 *Packing Material _____
30 *Packing Type _____
31 _____

TRIM

32 *Type _____
33 *Size _____ Rated Travel _____
34 *Characteristic _____
35 *Balanced/Unbalanced _____
36 *Rated Cv _____ Fl _____ Xr _____
37 *Plug/Ball/Disk Material _____
38 *Seat Material _____
39 *Cage/Guide Material _____
40 *Stem Material _____
41 _____
42

SPECIAL/ACCESSORIES

43 NEC Class _____ Group _____ Div _____
44 _____
45 _____
46 _____
47 _____
48 _____
49 _____
50 _____
51 _____
52 _____

EQUIPMENT ID_____ JOB NO._____ DOCUMENT NO._____ REV._____

ACTUATOR

53 *Type_____
54 *Mfr & Model_____
55 *size_____ Eff Area_____
56 On/Off_____ Modulating_____
57 Spring Action Open/Close_____
58 *Max Allowable Pressure: _____
59 *Min Required Pressure _____
60 Available Air Supply Pressure:_____
61 Max_____ Min_____
62 *Bench Range_____ / _____
63 Actuator Orientation_____
64 Handwheel Type _____
65 Air Failure Valve _____
66

POSITIONER

67 Input Signal
68 *Type_____
69 *Mfr & Model_____
70 *On Incr Signal Output Incr/Decr_____
71 Gauges_____ By-pass_____
72 *Can Characteristic_____
73 _____

SWITCHES

74 *Type_____ Quantity_____
75 *Mfr & Model_____
76 Contacts/Rating _____
77 Actuation Points _____
78

AIR SET

79 *Mfr & Model_____
80 Set Pressure _____
81 Filter _____ Bauge_____
82 _____

TESTS

83 *Hydro Pressure_____
84 ANSI/FCI Leakage Class _____
85 _____

REV	DATE	REVISION	ORIG	APP

* Information supplied by the Manufacturer unless already specified.