



N.I.O.C
IRANIAN CENTRAL OIL FIELDS
Co.

**DALAN TREATING
PLANT
(UNIT 600)**

CONTROL VALVE DATA SHEET

SERVICE CONDITIONS	1	TAG No.: PCV-627	QTY:1			
	2	FLUID : GAS	SERVICE:PRODUCT GAS TO 30" PIPELINE			
	3		UNITS	MIN. FLOW	NORM. FLOW	MAX. FLOW
	4	FLOW RATE	MMSCM/D	6	19	21
	5	INLET PRESSURE	BARG	74	70	70
	6	OUTLET PRESSURE	BARG	55	60	65
	7	TEMPERATURE	°C	35		
	8	MOLECULAR WT.	-	17.8		
	9	SPEC. HEATS RATIO Cp/Cv	-	1.5		
	10	CRITICAL PRESSURE	BARG	45.8		
	11	SPECIFIC GRAVITY	-	0.61		
	12	OPER. VISCOSITY	C.P	0.015		
	13	CALCULATED Cv @ NORMAL CONDITION	-	1140		
	14	PRESSURE DROP FOR VALVE SIZE	BARG	10		
	15	PRESSURE DROP FOR ACT. SIZE	BARG	87		
	16	VALVE TYPE	-	GLOBE		
	17	FLOW CHARACTERISTIC	-	LINEAR		
	18	SOLID PARTICLES		NO		
PIPE LINE	19	SIZE / RATING	-	IN 20" / #600 OUT 20" / #600		