



- GHC Demineralized Water Supply System
- GKM Drinking Water Supply System for the UMA Building
- GMM Building Drain System for the UMA Building
- LAH Start-up and Shut-down System
- LCA Main Condensate System
- KAA Safety Component Cooling System
- KBD Chemical Feeding System
- KPC Handling of Radioactive Concentrates
- PG Conventional Closed Cooling Water System
- PJB Piping System for Secured Closed Cooling Water System
- QCA Hydrazine Dosing Station
- QHS Chemical Treatment of Boiler Water
- QKA Chilled Water Station
- UBP Emergency Power and Chilled Water Supply Building
- UJB Reactor Building Annulus
- UMA Turbine Building

Material	Requirement category(RC)	Pressure Nominal (PN)	Temperature (°C)	Gauge pressure(bar)	Design
1.0305	D5	50	12	0	o
1.0305	D5	50	15	0	n
00814	D5	50	0	0	m
00816	D5	50	0	0	l
1.4550	D5	165	15	0	k
1.0305	D4	165	7	0	j
1.0305	D5	50	7	0	i
1.4550	D5	50	12	0	h
1.0305	D4	85	36	0	g
1.0305	D5	185	10	0	f
1.0305	D5	50	0	0	e
1.0305	D5	50	10	0	d
1.0305	D5	60	10	0	c
1.0305	D5	50	23	0	b
1.4550	D5	50	0	0	a

Operating conditions			
Absolute pressure (bar)	Temperature (°C)	Mass flow (kg/s)	Velocity (m/s)
50	50	50	10

REV.	LIBERADO PARA	DATA	LIB. POR	Redrawn in Syscad	Micro	Vieira
R6				PMP 0324.01	10/06/02	
R5		17/06/02	Vieira		09/04/05	
R4		05/04/00	Edson	As built-Commissioning	30/07/97	Edson
R3		30/07/97	Ruebenich	Acc. TS-Rev. Notice DF/QC/970012 TCN. DF 97/0025	30/07/97	Ruebenich 30/07/97
R2		13/10/93	Ruebenich	Acc. TS-Rev. Notice DF/QC/970012 TCN. DF 97/0025	11/10/93	Ruebenich 13/10/93
R1		06/07/82	Vaz	KWU Design Review	16/08/82	Ruebenich 30/06/82
ORIG		29/01/82	Vaz	DESCRICAÇÃO	FEITO	APROV.
REV. No.	LIBERADO PARA	DATA	LIB. POR	DESCRICAÇÃO	FEITO	APROV.

		<b>ELETRONUCLEAR</b> TERMONUCLEAR S.A.		USINA NUCLEAR DE ANGRA UNIDADE 2	
Central Chemical Supply				QC	
FEITO	DATA	NOME	XG-QC-047014		
VISTO	29/01/82	Honorio			
APROV.	29/01/82	p/ Bittner			
A03200-T61-1E-47014					

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