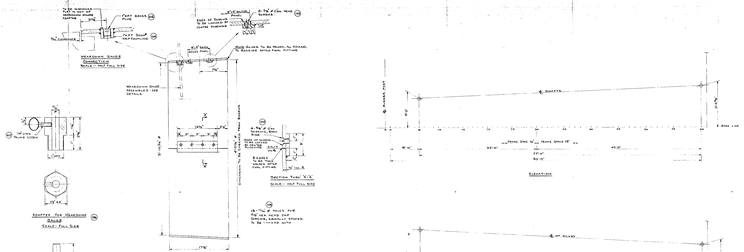

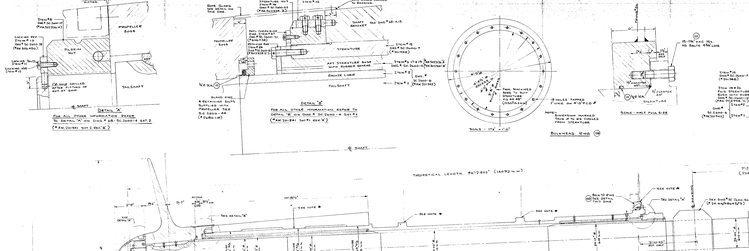

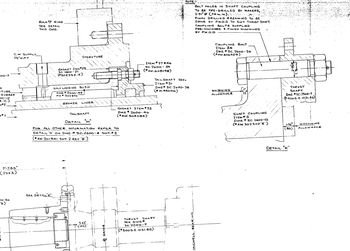

List of Parts

Quantities, sizes and run of Shaft Assembly

Item No.	Description	Material	Standard	No.	Unit Mass
	For 2700 MW (4 x 675 MW) Kishanganga HEP (Stage-II) (Unit-1, Unit-2, Unit-3 & Unit-4) and Shaft (Shaft-F, Shaft-G, Shaft-H & Shaft-I)				
	Shaft-G Assembly Bifurcated Type Penstock Chainage (+) 4+ 8.8 Mtrs				
	Penstock Assembly Bifurcated Type Penstock Chainage (+) 4+ 8.8 Mtrs				
	Shaft-G Assembly Bifurcated Type Penstock Chainage (+) 4+ 8.8 Mtrs (+) Shaft-H (+) Shaft-I				
	NOTE: Refer the following Steel Drawings for Quantities of Steel Liners & Embedded Parts to complete the Shaft-G Assembly				
101	Pipe Sizes (in mms)	Steel	-		
102	Plates (in mm Sizes)	Steel	-		E250Gr
103	Shaft Centre Line	-	-		
104	Shaft Centre Circum.	Steel	-		
105	Shaft Pipe Run	Steel	-		
106	Shaft-G Penstock Angle	-	-		
107	Plates (in mm Sizes)	-	-		
108	Plates (in mm Sizes)	-	-		
109	Plates (in mm Sizes)	-	-		E250Gr
110	Bolts & Nuts	Steel	-		8.8/10
111	Shaft Pipe Sizes	-	-		E250Gr
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Applicable Codes, Standards and Specifications

Penstock & Shaft Liners

Material Grade

Penstock Shell E250Gr

Shaft Liner E250Gr

Stiffeners E250Gr

Bolts & Nuts 8.8/10

Welding

Penstock & Shaft Liners

Shop Welding

Field Welding

Bolted Joints

Penstock & Shaft Liners

Bolts & Nuts

Fabrication Tolerances

Penstock & Shaft Liners

Shop Welding

Field Welding

Bolted Joints

Penstock & Shaft Liners

Bolts & Nuts

Inspection, Testing and Requirements

Inspection, Testing, Load Tie Testing & Surveying Information

Shop Welding

Field Welding

Bolted Joints

Penstock & Shaft Liners

Bolts & Nuts

Painting & Coating

Painting & Coating

Shop Painting

Field Painting

Painting & Coating

Shop Painting

Field Painting

Painting & Coating

Shop Painting

Field Painting