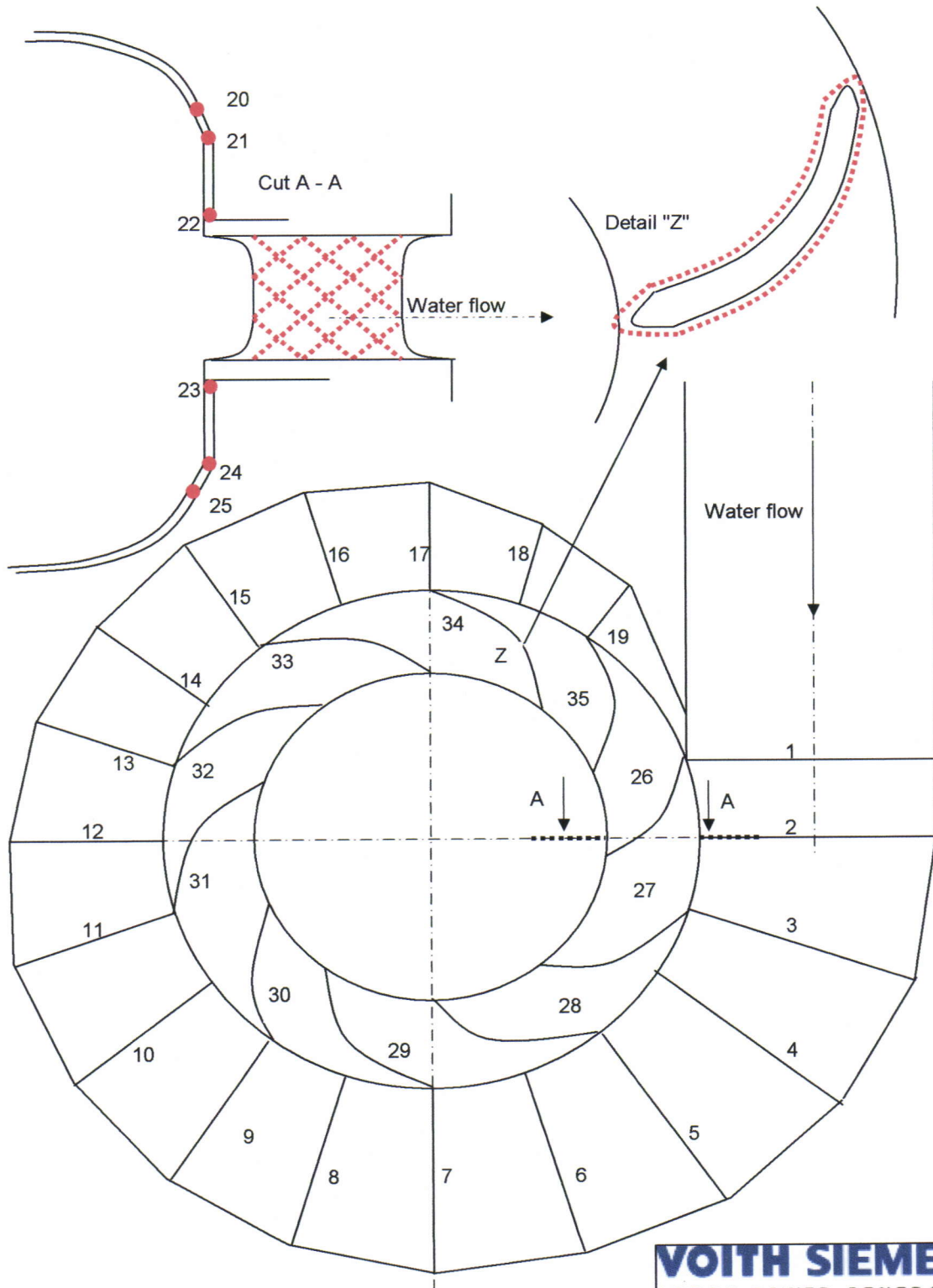


VOITH SIEMENS HYDRO				DYE PENETRANT TEST				Rep. No.		DPT U2 - 3	
INSPECTION REPORT				Component:		Spiral case				Page:	
HPP MAHIPAR		Unit 2		Part/Section:		Stay ring / Stay vanes				Date:	
Surface condition:				As sandblasted							
Ambient temperature:				22°C							
Testing range:				100% welds surface and stay vanes surface							
				Typ		Make		Charge No.		Applying time:	
Penetrant:				Contrast red		MR 68 NF		070608 68 NF 103		45 minutes	
Cleaner:				Haku							
Developer:				White		MR 70		170608 70103		45 minutes	
Weld No.	Length	Material	Thickness	Result		Weld No.	Length	Material	Thickness	Result	
1	2200mm	BH-36-KH	16mm	Acc		24	7700mm	BH-36-KH	25mm	Acc	
2	2100mm	BH-36-KH	16mm	Acc		25	7500mm	BH-36-KH	16mm	Acc	
3	2040mm	BH-36-KH	16mm	Acc		Vane No.					
4	1960mm	BH-36-KH	16mm	Acc		26 up	1600mm	BH-36-KH	49mm	Acc	
5	1925mm	BH-36-KH	16mm	Acc		26 down	1600mm	BH-36-KH	49mm	Acc	
6	1880mm	BH-36-KH	16mm	Acc		27 up	1100mm	BH-36-KH	49mm	Acc	
7	1845mm	BH-36-KH	16mm	Acc		27 down	1100mm	BH-36-KH	49mm	Acc	
8	1800mm	BH-36-KH	16mm	Acc		28 up	1100mm	BH-36-KH	49mm	Acc	
9	1770mm	BH-36-KH	16mm	Acc		28 down	1100mm	BH-36-KH	49mm	Acc	
10	1700mm	BH-36-KH	16mm	Acc		29 up	1100mm	BH-36-KH	49mm	Acc	
11	1665mm	BH-36-KH	16mm	Acc		29 down	1100mm	BH-36-KH	49mm	Acc	
12	1520mm	BH-36-KH	16mm	Acc		30 up	1100mm	BH-36-KH	49mm	Acc	
13	1400mm	BH-36-KH	16mm	Acc		30 down	1100mm	BH-36-KH	49mm	Acc	
14	1270mm	BH-36-KH	16mm	Acc		31 up	1100mm	BH-36-KH	49mm	Acc	
15	1150mm	BH-36-KH	16mm	Acc		31 down	1100mm	BH-36-KH	49mm	Acc	
16	985mm	BH-36-KH	16mm	Acc		32 up	1100mm	BH-36-KH	49mm	Acc	
17	830mm	BH-36-KH	16mm	Acc		32 down	1100mm	BH-36-KH	49mm	Acc	
18	700mm	BH-36-KH	16mm	Acc		33 up	1100mm	BH-36-KH	49mm	Acc	
19	450mm	BH-36-KH	16mm	Acc		33 down	1100mm	BH-36-KH	49mm	Acc	
20	7500mm	BH-36-KH	16mm	Acc		34 up	1100mm	BH-36-KH	49mm	Acc	
21	7700mm	BH-36-KH	25mm	Acc		34 down	1100mm	BH-36-KH	49mm	Acc	
22	7700mm	BH-36-KH	25mm	Acc		35 up	1100mm	BH-36-KH	49mm	Acc	
23	7700mm	BH-36-KH	25mm	Acc		35 down	1100mm	BH-36-KH	49mm	Acc	
Measured by:				Contractor:		Client:		Consultant:			
Boris Krivec <i>[Signature]</i>				Voith Siemens <i>[Signature]</i>				Lahmeyer int.			

VOITH SIEMENS HYDRO		DYE PENETRANT TEST	Rep. No.	DPT U2 - 3
HPP MAHIPAR	Unit 2	Sketch for inspection report	Page:	2 of 2



VOITH SIEMENS
HYDRO POWER GENERATION

Measured by: Boris Krivec <i>Boris Krivec</i>	Contractor: Voith Siemens <i>Voith Siemens</i>	Client:	Consultant: Lahmeyer int.
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