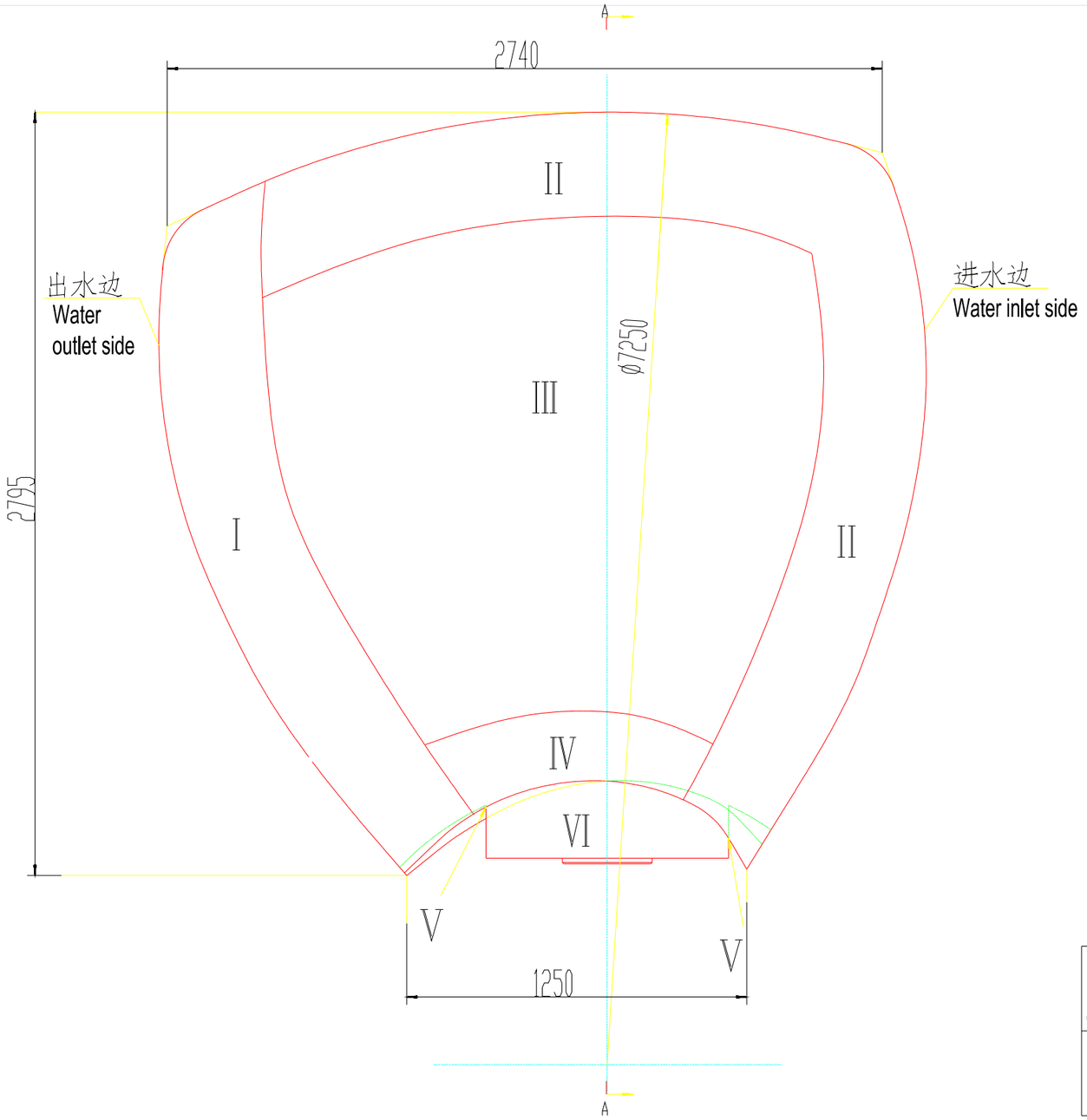
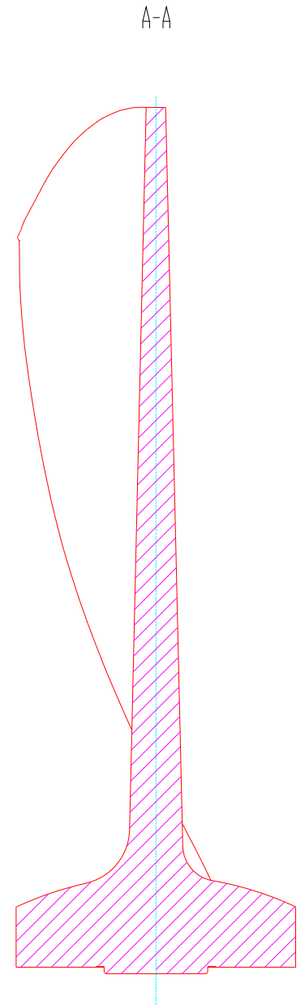




（1）技术要求：桨叶材料：ZG04Cr13Ni5Mo(HT1)(VOD)

(1) Technical requirement: Blade material: ZG04Cr13Ni5Mo (HT1) (VOD)

（2）机械性能及化学成分要求：

(2) Mechanical property and chemical composition requirements:

化学成分 Chemical composition	C %	Si %	Mn %	P %	S %	Cr %	Ni %	Mo %	残余元素 % Residual element %	
	≤0.04	≤0.8	≤1.5	≤0.03	≤0.01	11.5~13.5	4.5~6.0	0.4~1.0	0.50	
机械性能 Mechanical property	Rm MPa	Rp Mpa	As %	Z %	Akv J	HBW				
	≥780	≥580	18	50	80	221~294				

（3）无损检测：桨叶按CCH70-3规范分区及下表等级要求进行UT、PT或MT无损探伤检查

(3) Non-destructive testing: The blade shall be subject to UT, PT or MT in accordance with the zoning requirement in CCH70-3 and the rating requirement in the table below.

区域 Area	I	II	III	IV	V	VI	VII
PT	2	3	3	2	2		2
MT	2	3	3	2	2	2	2
UT	2					2	

单件坯件重约10.8t。

Unit weight of about 10.8 t.

坯件附图

Attached Drawing of Blank

重庆水轮机厂有限责任公司

Chongqing Water Turbine Factory Co., Ltd.