

Company Overview

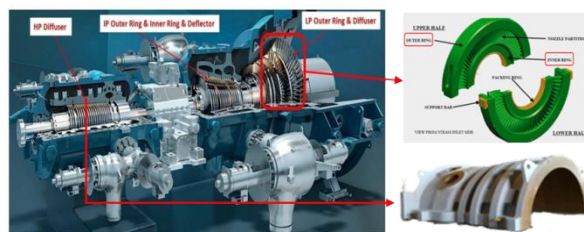
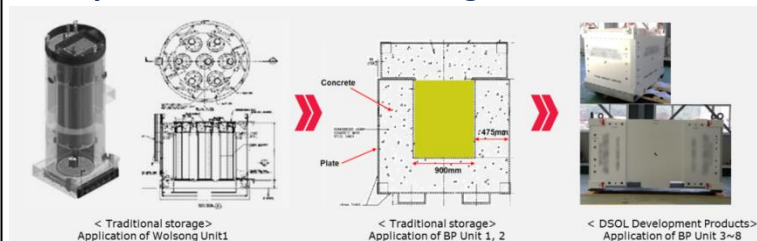
- **Company Type : Steel Casting Manufacturer**
- **Number of Employee : 135**
- **Annual Sales(2023, US\$) : 35,240,621**
- **Export Amount (2023, US\$) : 28,192,497**
- **Certification : ISO9001, ISO14001, ISO45001, ABS, BV, CCS, DNV, KR, LR, NK, RINA, MHPS, TOSHIBA, DOOSAN, MAN, BWXT, KHNP**

Company Brief introduction (WHO WE ARE)

- Daechang Solution Co., Ltd has refining facilities to produce special steel and high-quality alloy steel, and is highly trusted by the customers in quality and technology by operating state of the art testing equipment. Based on outstanding production system and high quality, we are the first to cast and export container to transport and store nuclear plant waste of Canada, and also registered as a key partner for global companies such as GE or Caterpillar. Over the last 70 years, we have become a trustworthy partner for clients from all over the world that require highly durable material even in extreme environments, such as ship engine, large generator, marine plant, wind power generator, LNG plant, steel casting manufacturer, etc.
- Based on decades of manufacturing know-how and accumulated technology, Daechang Solution has extensive experience in the field of nuclear power plant turbine parts and retube waste containers at home and abroad. Based on our track record of supplying nuclear power plant equipment and retube waste containers to Canada's Bruce Power and General Power, we have world-class technology.

Company's Main activities (WHAT WE DO)

➤ Key Characteristics of Deachang Solution Co., Ltd.



➤ Business Performance

- Bruce Power

- 2018. 05 Bruce Power Unit 6 – New Contract
- 2019. 03 Bruce Power Unit 6 – Delivered
- 2021. 12 Bruce Power Unit 3 – Delivered
- 2022. 07 Bruce Power Unit 4, 5, 7, 8 – Long-term contract(40 million\$)

- GE Power

- 2020.12 GE Brazil, GE France HPC Unit 2, Akkuyu Unit 2 ~ 3 – Delivered
- 2021.12 GE Brazil, GE France HPC Unit 2, Akkuyu Unit 3 ~ 4 – Delivered
- 2022.12 GE Brazil, GE France HPC Unit 2, Akkuyu Unit 3 ~ 4, El Dabaa Unit 1 ~ 4 – Delivered

➤ Main Customer

- BWXT(Canada)
- Bruce Power(Canada)
- General Power(GE Brazil, GE France, etc)

Main Product information

Product Details		Product-1	
	Product Description	Retube Waste Container (Pressure tube, Calandria Tube etc.)	
	Category	Mechanical, Container	
	Local/Global Client	Bruce Power	
	Export Area	Canada	
			Features
		Application: Intermediate high level waste	
		1. Dimensions(m): 1.6 L x 2.0 W x 1.7 H	
		2. Gross volume(m3): 5.44 / Net volume(m3): 1.63	
		3. Empty mass(kg): 30,609	
		4. Max. Gross weight(kg): 34,359	
		5. Dose rate	
		- Contact dose rate on all surface: ≤ 200 mrem/hour	
		- One-meter dose rate on all surface: ≤ 20 mrem/hour	
		- One-meter dose rate on top and bottom: ≤ 40 mrem/hour	

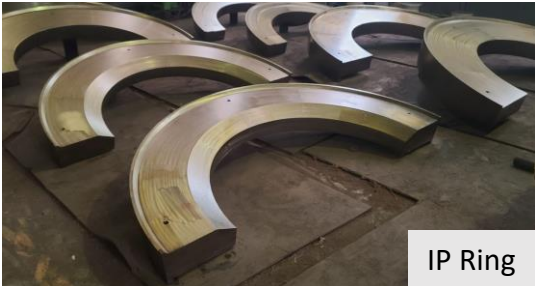
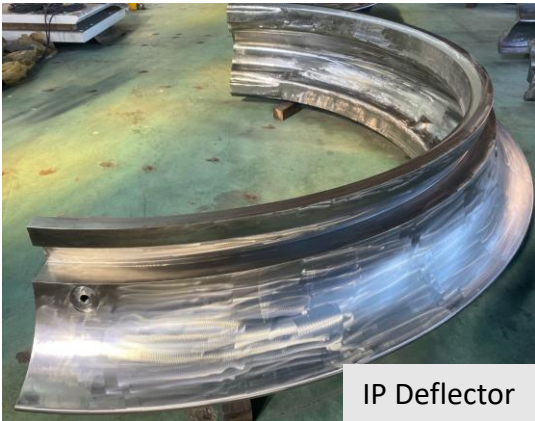
Product Details	Product-1	
	Product Description	Retube Waste Container (End Fitting)
	Category	Mechanical, Container
	Local/Global Client	Bruce Power
	Export Area	Canada
	Features	
Application: Intermediate high level waste		
1. Dimensions(m): 1.4 L x 3.2 W x 1.7 H		
2. Gross volume(m3): 7.62 / Net volume(m3): 3.62		
3. Empty mass(kg): 27,668		
4. Max. Gross weight(kg): 33,668		
5. Dose rate		
- Contact dose rate on all surface: ≤ 200 mrem/hour		
- One-meter dose rate on all surface: ≤ 20 mrem/hour		
- One-meter dose rate on top and bottom: ≤ 40mrem/hour		

Contact Information

- Name : YooSang Lee
- Position : Deputy general Manager
- Department : Sales Team
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Main Product information

Product Details		Product-1	
 LP Outer Ring 2LP ~ 4LP	Product Description	Outer Ring	
	Category	Diaphragm	
	Local/Global Client	GE Power	
	Export Area	GE Brazil, GE France	
			Features
Application: Steam Turbine Diaphragm			
1. Dimensions(m): 5.4 L x 2.6 W x 1.4 H (maximum)			
2. Weight (kg): 10,411 (maximum)			
3. Description			
- Steam Turbine Diaphragm			
- Low Pressure Diffuser & Outer Ring Casting			
 LP Diffuser			

Product Details		Product-2	
 IP Ring	Product Description	Outer Ring / Inner Ring	
	Category	Diaphragm	
	Local/Global Client	GE Power	
	Export Area	GE India&China / Marmen	
	Features		
Application: Steam Turbine Diaphragm			
 IP Deflector	1. Dimensions(m): 5.1 L x 2.7 W x 1.1 H (maximum)		
	2. Weight (kg): 3,770 (maximum)		
	3. Description		
	- Steam Turbine Diaphragm		
	- Intermediate Pressure Casting / Bearing Cage		
- Intermediate Inner / Outer Ring			

Contact Information

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