

Shandong Buoy&Pipe Industry Co.,Ltd

UHMWPE

(ultra high molecular weight pe)

Pipeline

Typical Project Cases

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UHMWPE Pipeline Project Cases

- A. Water supply and drainage pipeline project cases
- B. Dredge pipeline project cases
- C. Tailings pipeline project cases
- D. Power plant coal ash discharging pipeline project cases

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A.Water transmission pipeline project cases

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Water Transmission Pipeline B in Leading Nenjiang River to Baicheng City Extension Project Phase I in Jilin Province



- Location: Baicheng City, Jilin Province
- Pipe Type: UHMWPE Pipe
- Pipe Diameter: DN700mm
- Pipe Pressure: 1MPa
- Conveyance Medium: Nenjiang Water
- Medium Temperature: Normal Temperature
- Pipe Installing Surroundings: Crossing Paddies and Highways
- Connection: Electric Socket Fusion Welding
- Operation Date: Since Dec.2010





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B.Dredge pipe project cases

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Sand Dredging Pipeline Project in Indonesia



- Location: Indonesia
- Pipe Type: UHMWPE Pipe
- Pipe Diameter: DN273mm
- Pipe Pressure: 1MPa
- Conveyance Medium: Sand Slurry
- Medium Temperature: Normal Temperature
- Pipe Installing Condition: Sand Dredging of Inland River
- Connection: Flanges
- Operation Date: Since Nov.2012



Dredging Pipeline Project in Paraguay



- Location: Paraguay
- Pipe Type: UHMWPE Pipe
- Pipe Diameter: DN426mm/DN460mm
- Pipe Pressure: 1MPa
- Conveyance Medium: Sand Slurry
- Medium Temperature: Normal Temperature
- Installing Condition: Sand/Slurry Dredging of Inland River
- Connection: Flanges
- Operation Date: Since Nov.2010



Sludge discharge pipe for waterway maintenance suction dredger By China Government The Yangtze River Waterway Administration



- Location: Yancheng/Huanghua city
- Pipe Type: UHMWPE Pipe
- Pipe Diameter: DN750mm/DN850mm
- Pipe Pressure: 3MPa
- Conveyance Medium: River Sediment
- Medium Temperature: Normal Temperature
- Pipe Installing Condition: Shoal and Seabed
- Connection: Flanges
- Operation Date: Since Dec.2012 up to now









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C. Tailings pipeline project cases

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Tailings Pipeline Project in Xinglongguan Iron Ore Concentration Plant of Hubei Lituo Investment Co. Ltd.



- Location: Majiagou Village Lengji Town Gucheng County
- Pipe Type: UHMWPE Pipe
- Pipe Diameter: DN400mm/DN600mm
- Pipe Pressure: 1MPa
- Conveyance Medium: Iron Ore Tailings Slurry
- Medium Temperature: Normal Temperature

Tailings Pipeline Project in Xinglongguan Iron Ore Concentration Plant of Hubei Lituo Investment Co. Ltd.



- Pipe Installing Surroundings:

The process pipeline must cross different floors during its operation inside the workshop;
The double conveying pipelines also crossed the valley outside, with the precipitous terrain and narrow working place, Thanks to the UHMWPE light weight, otherwise the construction difficulty would be very high.

- Connection: Flanges
- Operation Date: Since Sept.2013

Tailings Pipeline Project in Australia



- Location: Australia
- Pipe Type: UHMWPE Pipe
- Pipe Diameter: DN273mm
- Pipe Pressure: 1MPa
- Conveyance Medium: Sand/Gravel/Stone
- Medium Temperature: Normal Temperature
- Pipe Installing Condition: Coal Mine
- Connection: Flanges
- Operation Date: Since Nov.2012



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D.Power plant coal ash discharging
pipeline project cases

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Power plant coal ash Pipeline Project in HeZe Power Plant



- Location: HeZe/LiaoCheng, ShanDong Province
- Pipe Type: UHMWPE Pipe
- Pipe Diameter: DN750mm/DN850mm
- Pipe Pressure: 1MPa
- Conveyance Medium: Water/Coal Ash
- Medium Temperature: Normal Temperature
- Pipe Installing Condition: Residential area, farmland, river
- Connection: Flanges
- Operation Date: Since Apr.2011



Thank you!!!

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