LPR Global, Inc.
607-344 Bloor St. W
Toronto, ON Canada, M5S 3A7
T: +1 416-423-5590
E: info@uskoreahotlink.com
Qualification & Certification

- Re-certified with ASME “N”, “N3” & “NPT” (Jul. 2011)
- Certified with ASME “NS” (Jul. 2011)
- Recertified with KEPIC MN (Jul. 2011)
- Certified with KEPIC EN (Jul. 2011)
- Certified with ASME “U”, “U2”, “S”, “PP” (Sept. 2010)
- Certified with ISO 14001 & OHSAS 18001 (May 2010)
- Certified with ASME “N”, “N3” & “NPT” (Jul. 2008)
- Re-certified with KEPIC MN (June 2005)
- Certified with KEPIC MN (June 2002)
- Authorized for quality class “Q” from KHNP (Aug. 1994)

Major clients

[Logos of major clients]
Qualification & Certification
Industries served & manufactured products

**Nuclear Power Plant**
- Radiation Shielding & Handling Equipment
- Fuel Handling Storage Equipment

**Thermal Power Plant**
- Vibration Absorbing System
- Manufacturing Special Equipment for Maintenance
- Maintenance Service at Site and Factory
- Intake Debris Filtering System
  (Travelling Water Screen & Debris Filter)

**Petrochemical Plant**
- Vibration Absorbing System
- Manufacturing Special Equipment for Maintenance
- Maintenance Service at Site and Factory
- Intake Debris Filtering System
  (Travelling Water Screen & Debris Filter)
- Pressure Vessel & Tank
- Heat Exchangers (Tube & Shell Type)

**General Industries**
- Manufacturing Special Equipment for Maintenance
- Maintenance Service at Site and Factory
- Intake Debris Filtering System
  (Travelling Water Screen & Debris Filter)
- Pressure Vessel & Tank
- Heat Exchangers (Tube & Shell Type)
Radiation Shielding Equipment for Nuclear Power Plants
Radiation Protection Door

We've always been focused on providing high-quality, high performance industrial metal component solutions for large-scale engineering projects.

Radiation protection door plays a critical role in areas with high levels of radiation, and we can help you achieving absolute safety.

Scope of Supply
- Basic / Detail Design
- Manufacturing
- Lead Shielding Integrity & Functional Test

Supply Experience
- YGN3&4(KHNP) in S. Korea
- UCN1&2(KHNP) in S. Korea

Technical Specification
- Door Type: Electric motor driven sliding door
- Supplied with Control Panel and Drive unit
- Power Supply:
  - 480 / 3P / 60Hz for Drive unit
  - 120 / 1P / 60Hz for Control
- Door Construction:
  - Skin plate (Steel)
  - + 99.9 % Lead (Concrete also available)
- Speed: 1.5 m - 3.0 m / min
- Lead Shielding Integrity Test by Gamma Survey
Radiation Shielded Station

The station assembly consists of a variety of specialized equipment, used for processing spent fuel baskets, housed within a steel structure. It is enclosed on all sides by lead filled steel panels and sheets of polyethylene to provide protection against radiation.

Scope of Supply
- Detail Design
- Manufacturing
- Lead Integrity & Functional Test

Supply Experience
- Wolsong 3&4(KHN) in S. Korea
- Qinshan Phase III Unit 1&2(AECL) in China

Technical Specification
- Panel Construction : Skin plate (Steel) + 99.9% Lead
- Lead Shielding Integrity Test by Gamma Scanning
Radiation Shielding Fence

We can work from designs that you provide or collaborate with you, to achieve the finest quality manufactured shielding fence for your nuclear power plants.

Scope of Supply
- Basic/Detail Design
- Manufacturing
- Shielding Integrity & Functional Test

Supply Experience
- KAERI (Korea Atomic Energy Research Institute) in S. Korea

Technical Specification
- Fence Construction:
  - Skin plate (Steel) + Concrete
  - (Mortal + Water + B4C + Specific Stone)
- Concrete Design Strength : 400 MPa
Components for Nuclear Power Plants
Pressurized Water Reactor (PWR)

High Density Spent Fuel Storage Rack

Assembly of Rack

Refueling Machine

Spent Fuel Handling Machine

CEA Change Platform

Damaged Fuel Canister
Pressurized Heavy Water Reactor (PHWR)

Spent Fuel Drying Storage Equipment

Fuel Handling Tools

Spent Fuel Basket
Sea Water Pump Project
### Pump Part (Assembly)

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<th>Name</th>
<th>No.</th>
<th>Name</th>
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<td>Pipe Column-Upper</td>
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<td>Shaft Tube</td>
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<tr>
<td>3</td>
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<td>9</td>
<td>Pipe Column-Inner</td>
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<td>4</td>
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<td>Shaft</td>
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<td>Diffuser</td>
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<td>Pipe Column-Upper</td>
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<td>Ø 2234 X 2300</td>
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<td>Name (10)</td>
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Other Industrial Components

Heat Exchanger
More Custom manufactured products
Some of the equipment used at our facility

**CNC Plano Miller**
Can handle up to:
4000 W * 4600 H * 25000 L

**CNC Machine Center**

**CNC Milling Machine**

**Plate Bending Roller**
Can handle up to:
30 Thickness * 3100 L
Some of the equipment used at our facility

**Horizontal Lathe**
Can handle up to:
Ø 1550 * 7000 L

**Vertical Lathe**
Can handle up to:
3200 W * 3400 H

**Boring Machine**
Can handle up to:
4000 W * 2500 H * 2000 L

**Balancing Machine**
Can handle up to:
Ø 1200 * 2500 L
Custom Metal Manufacturing

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