

# Meter Sockets, Pole Line Hardware + Electrical Enclosures

Serving North America since 1975

**Hydel**  
Sicame Group

## Celebrating 50 years supporting and servicing the Canadian electrical and utility industry.

- 100,000 square foot facility
- State of the art equipment
- Precision cutting, welding
- Inhouse powder coating
- Custom finishing
- In-house Design and Engineering
- SolidWorks
- AutoCAD + Jet Cam
- RoHS compliant
- ISO 9001:2015 Certified



### Our manufacturers representatives



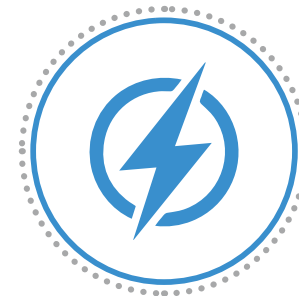
Hydel's comprehensive industry knowledge, regional representation and national sales coverage ensures our customers are serviced and supported across North America. Our design and engineering team works to meet the unique needs and expectations of each customer while our manufacturing and quality control processes ensure products meet or exceed quality standards.



ISO 9001:2015 Certified



## Markets we serve



### Energy

Electrical utilities  
Natural gas utilities  
Solar



### Aerospace

Titanium and aluminium alloys  
Stainless steel



### Technology

Telecom | Transit | Data centers  
Electronics | Pharmaceutical  
Display advertising  
Consumer products

## Specialties

- Residential and commercial metering products
- Power distribution and general-purpose enclosures
- Utility distribution hardware
- Custom design and manufacturing



## Metering socket products



### 200 Amp EK400RO

- OH/UG
- 4 JAW



### 200 Amp with Breaker JA402R

- OH/UG
- 4 JAW
- 200 Amp Breaker



### 200 Amp Multi-gang with breaker (10kA and 22kA)

- Full range solutions for 200-400 Amp
- 2-6 gang socket options



### 400Amp CT4 Wired Series

- Includes 4 or 5 JAW, Bypass, Test Switch, 200:5-400:5 CT
- Full range solutions for 400 Amp metering approved in all Canadian provinces

## 320 Amp Meter mounting device with bypass mechanism: OH/UG

320 Amp, 600 Volt, single phase service

New Product!

- CSA approved and complies to CSA C22.2 No 115-20
- Self contained meter socket with bypass mechanism
- Combination unit: Overhead/Underground
- Weatherproof 3R enclosure with ANSI 61 grey color
- All safety interlocks as per CSA and instruction labels on the unit
- Supplied with CSA approved 320 A jumper bars
- Lexan shield for additional barriers and helps to guide the meter
- Insulated safety sheet immediately after removal of cover
- Barriers and meter guide for easy installation
- Heavy duty stainless steel body sealing ring
- Bypass mechanism is accessible to authorized persons only with main covers closed and with standard 3/8" hex key
- Grounded neutral as default feature can be easily converted insulated neutral by just removing the bonding strap at site
- Dimension: Inches (HXWXD) 38-7/16 X 18-5/8 X 6-13/16
- Trade size knockout: 2, 2-1/2, 3, 3-1/2, 4 in: 3 places
- Below list of catalog number with line and load connections:
- List of OH/UG catalog number with line and load tunnel type connectors



S. No	Catalog number	Application	Line lugs	Load lugs
1	<b>EK320RO</b>	Overhead/ Underground	4-600 MCM or TWO 250 MCM-1/0	4-600 MCM or TWO 250 MCM-1/0
2	<b>EK320RO1</b>		TWO 350 MCM-6	TWO 350 MCM-6
3	<b>EK320RO2</b>		4-600 MCM or TWO 250 MCM-1/0	TWO 350 MCM-6

Note: For only underground with 1/2" studs please contact Hydrel.

## HYDEL CT6-WSOH-BC

1 Phase 3 Wire 600 Amp 120/240 V 65kA  
short circuit proof tested

All in one transformer rated overhead only meter socket  
with circuit breaker

- BC Hydro accepted
- Complies to CSA C22.2 No 115-20
- Service entrance rated meter socket
- Heavy-duty galvanized steel NEMA Type 3R ventilated enclosure with ANSI 61 grey color
- Hinged bottom cover for ease of handling and operation
- Mesh plate below meter cover for additional safety
- Heavy-duty stainless steel body sealing ring
- Sealing arrangement for meter cover and bottom cover
- Padlock arrangement for breaker and bottom cover
- Supplied with 600 A 240 V 65 kA circuit breaker as primary disconnect
- 5 Jaw meter socket, 5<sup>th</sup> Jaw at 9 O'clock position
- Line and load side lugs - double mechanical lugs for 4-600 MCM or dual 1/0-250MCM cables
- Grounded neutral as default feature and can be easily converted to isolated neutral by just removing bonding strap at site
- Pole mounting kit optional
- Front cover to include meter ring metal guard
- Provision for 10 Position test switch (switch not included)
- Provision for bar type 500 A / 600 A current transformer (transformer supplied by Hydro)
- Dimension (Inch): **H:** 53-1/4, **W:** 19-1/8, **D:** 8-3/16
- Top comes with hub: 2-1/2" (Qty:2) and 4" (Qty: 1)
- Bottom trade size knockout:
  - 2, 2-1/2, 3, 3-1/2, 4 in: 3 places



## HYDEL CT6-WS-BC

1 Phase 3 Wire 600 Amp 120/240 V 65kA  
short circuit proof tested

All in one transformer rated underground only meter  
socket with circuit breaker

- BC Hydro accepted
- Complies to CSA C22.2 No 115-20
- Service entrance rated meter socket
- Heavy-duty galvanized steel NEMA type 3R ventilated enclosure with ANSI 61 grey color
- Separate bottom cover for line and load connection
- Mesh plate's below top cover for additional safety
- Heavy-duty stainless steel body sealing ring
- Sealing arrangement for meter cover and bottom cover's
- Padlock arrangement for breaker and bottom cover's
- Supplied with 600 A 240 V 65 kA circuit breaker as primary disconnect
- 5 Jaw meter socket, 5<sup>th</sup> Jaw at 9 O'clock position
- Line side extended busbar with double mechanical lugs for 4-600 MCM along-with two-1/2-13 inch studs
- Load side: double mechanical lugs for 4-600 MCM or dual 1/0-250MCM cables
- Grounded neutral as default feature and can be easily converted to isolated neutral by just removing bonding strap and cable at site
- Pole mounting kit optional
- Front cover to include meter ring metal guard
- Provision for 10 position test switch (switch not included)
- Provision for bar type 500 Amp / 600 Amp current transformer (transformer supplied by Hydro)
- Dimension (inch): **H:** 45-1/2, **W:** 36-36-1/2, **D:** 9-1/8
- Flat top
- Bottom trade size KO:
  - 2, 2-1/2, 3, 3-1/2, 4 in
  - Line side: 3 PC KO
  - Load side: 3 PC KO





# Custom solutions for any enclosure need

Our dedicated in-house Engineering and Design team will support your project from start to finish, reach out today. Let's build the future together, one enclosure at a time.

Scan to get started



Define



Design



Done

# Custom enclosure examples



Cosco propane cabinets



Utility meter enclosures



Emergency call towers

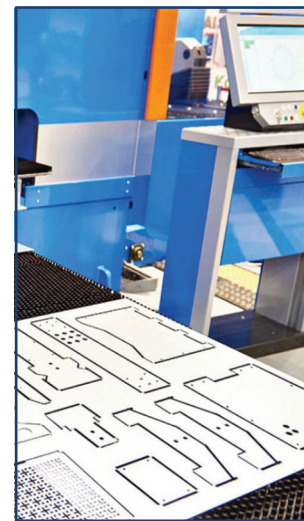


Industrial enclosures

# Hydel manufacturing capabilities

## Material:

- Steel
- Aluminum
- Copper
- Titanium
- Brass
- Bar stock
- Coated materials
- Special materials available upon request



## CNC punching

- CNC Punch Press
- Rapid hole punching in sheet metals up to 5' x 10'
- Most cost effective (1.5 m x 3 m)



## Custom coating

- Electrostatic powder coating for a durable finish
- Appropriate for wide variety of metals
- Can meet any color and finish requirements for pieces up to 9' x 5' (2.4 m x 1.5 m)



## CNC bending

- CNC Brake presses
- Bends sheets up to 10' wide
- Pressure reference technology with dynamic crowing achieves flawless, consistent bending
- Provides results within +/- 0.005" tolerance (.012 mm)



## Laser cutting

- High-precision fiber laser cutting for sheets up to 5' x 10'
- Provides results within +/- 0.003" tolerance
- High power with short pulses of fiber laser used for cutting as well as marking and engraving
- High quality of the beam provides cleaner, burr-free edges and faster cutting speeds



# Pole line hardware

Whether it is for the construction of a bare line or MVCC, we offer a complete range of pole line hardware that combines quality, strength and a competitive price.

Our PLH range works with all configurations, even the most complex ones. We can provide both hot dip galvanized or Armorgalv® thermal diffusion galvanized to ensure superior corrosion protection, resistance and higher durability over time. All our solutions are suitable with wood, concrete, metal and composite poles.

## Fasteners

- Miscellaneous bolt and screws (square, hex, double arming, lag, hook...)
- Nuts
- Washers



## Pole steps

- Wood pole step
- Fiberglass pole step
- Steel pole step
- Detachable pole step



## Crossarms

- Fiberglass crossarm
- Wood crossarm
- Steel crossarm
- Cutout bracket arm
- Accessories, gains



## Attachement, guying, dead ending, pole banding

### Dead ending

- Oval eye bolt
- Double arming oval eye bolt
- Forged and curved shoulder eye bolt
- Eye nut



### Guying

- Guy attachment
- Guy screw / rock / plate
- Guy wire
- Guy splice and tie
- Guy accessories, lug, hook, turnbuckle



### Pole banding

- Variety of pole band
- Conduit standoff bracket
- Stubbing bands



## Insulator pin and studs

- Distribution and transmission insulator pin
- Insulator corner pin
- Pole top pin
- Insulator standoff bracket
- Insulator stud



## Braces

- V style crossarm brace
- Flat brace
- Alloy crossarm brace



## Brackets

- Cutout and arrester bracket
- End of arm bracket
- Transformer bracket (one, two, or three mounting)
- Side post brackets



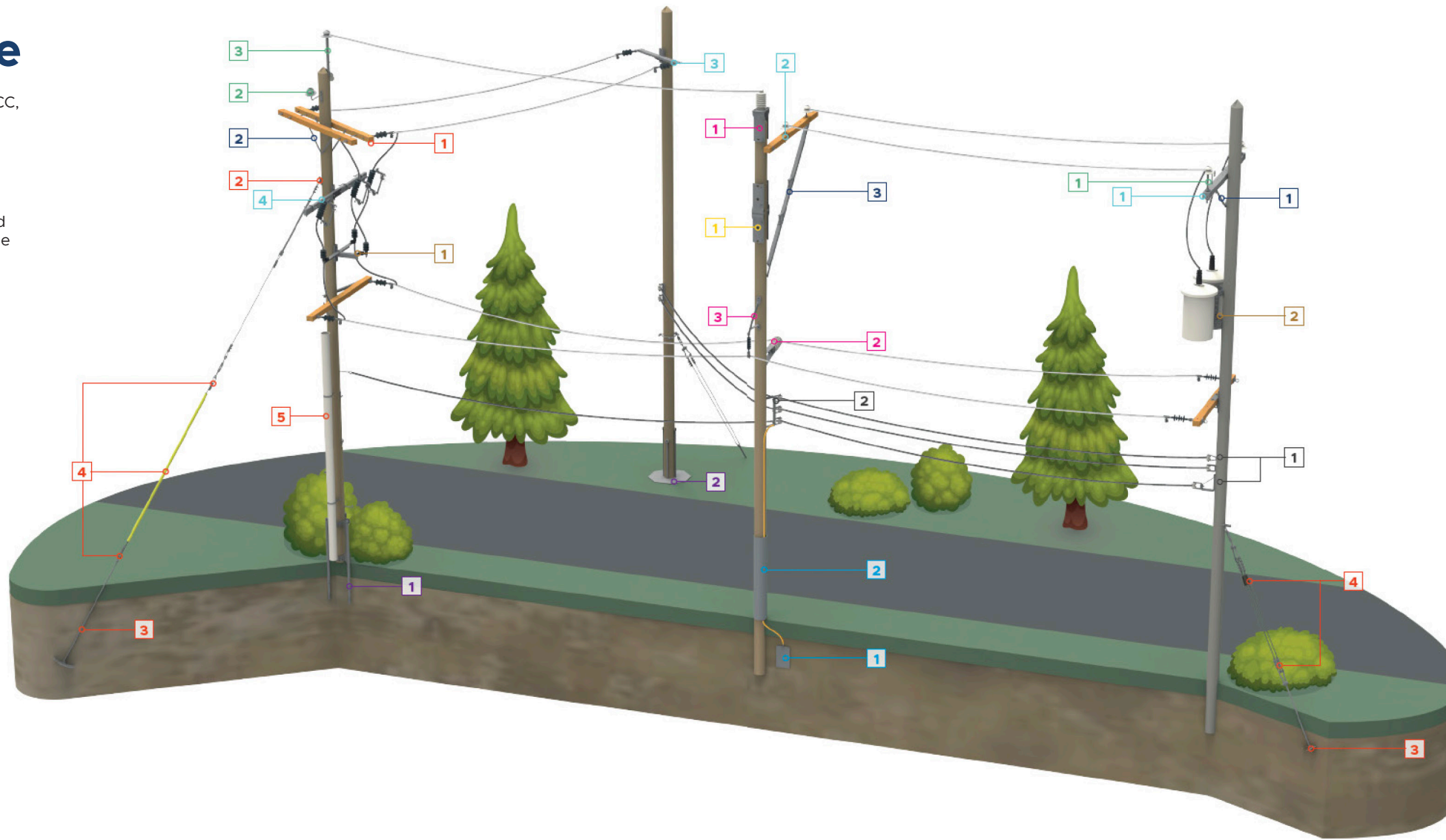
## Insulator brackets

- Post insulator bracket
- Insulator pole top bracket
- Horizontal insulator bracket
- Vertical extension bracket



## Grounding

- Grounding rod, box, plate
- Rod connector
- Staple
- Grounding wire and guard



## Secondary and service hardware

- Wire holder
- Periscope bracket
- Clevis
- Secondary rack
- Swinging rack
- Universal bracket

## Special products

- Pole top extension
- Anti-climbing

## Pole anchoring

- Starpole
- Ground support plate



## ArmorGalv®

We are proud to be the first supplier of ArmorGalv® thermal diffusion galvanization in the utility industry in North America.

In addition to offering corrosion performance comparable to 316 stainless steel, ArmorGalv® has the advantages of no hydrogen embrittlement and uniform galvanizing which eliminates thread chasing. Compliant with national ASTM A1059 and AG3000 standards, it has been approved by utilities around the country and recognized on field experience. ArmorGalv® thermal diffusion galvanization is also a near zero waste process eliminating the need for toxic substances.

ArmorGalv®: Combining performance against corrosion, innovation and environmental commitment.



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