



**Asia Nama Gas Cylinders Co. (ANCC)**



# ANCC belongs to Omid Investment Holding



## Multi Disciplinary Investment Group

### Main Sectors:

- Mining Industry
- Oil and Gas Plants
- Power Production
- Construction and Building
- Cement Production



# Omid Investment Holding



**Mining Industry**



**Cement Production**



**Power Industry**



**Oil & Gas Plants**



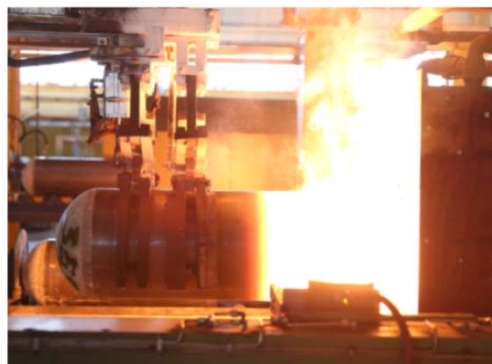
**Tire Industry**



**Building & Construction**

# Whole Chain In-House

from Mine to OEM



# ASIA NAMA (ANCC) Introduction



ASIA NAMA PROJECT WAS STARTED AT 2008

PRODUCTION LINE DESIGNED FOR PRODUCING 200.000 Cylinder/year

COMPANY AREA 3.7 HECTARE AND SHOP AREA IS 24000  $m^2$

ASIA NAMA  
COMISSIONING : 2013



# ASIA NAMA (ANCC)



- Leading Seamless Gas Cylinder Manufacturer in the Middle East
- High Production Capacity
- The Most High-Tech Production Line in the region
- Wide Range of Production
- Product Certification: INSO 7909, INSO 7598, ISO 11439, ISO 9809



ISO 9001



IATF 16949



CERTIFICATION



SAPCO



# Certification



IATF 16949



ISO 9001



ISO 14001



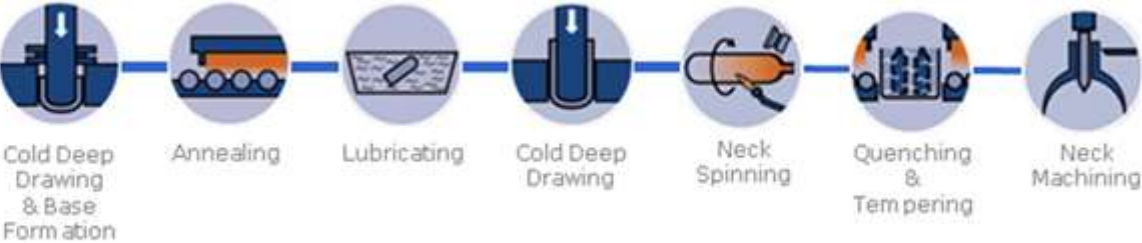
ISO 45001



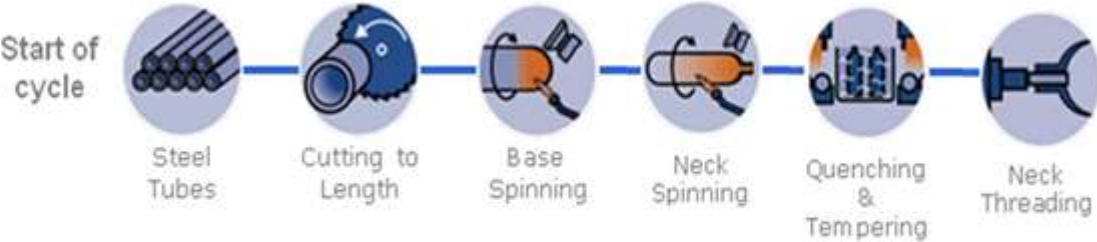
# Production Methods



## Plate – Deep Draw Ironing (DDI)



## Seamless Pipe – Hot Spinning





# Machinery & Equipment



Row	Machinery and Equipment	Supplier	Origin
1	Deep Drawing and Ironing	SCHULER	Germany
2	Spinning machine	LEIFELD	Germany
3	Machining and Threading	RASOMA	Germany
4	Heat Treatment Furnaces (Q&T , Annealing and Spherodizing)	ENK	South Korea
5	Test equipment's and Machines	ENK	South Korea
6	Phosphate Lubrication Facility	ENK	South Korea
7	Other Machines and Equipment	ENK	South Korea

# Deep Draw Ironing (DDI Technology)

- Tight Geometric Tolerances
- Smooth Surface Finish
- Zero-Leakage Products

**Higher Quality**

- Lower Weight per Volume Rate (10%~25%)
- A 35 lit cylinder from DDI is 25% lighter than the same cylinder from pipe spinning

**Lower Cylinder Weight**

- Using Local Steel Plate
- NO Imported Raw Material

**Flexibility on  
Delivery Time & Quantity**

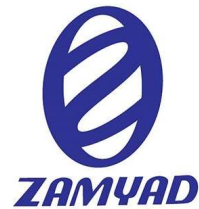
# CNG Cylinders



- **Seamless Steel Gas Cylinders**
- **Compressed Natural Gas (CNG)**
- **Size: 28 lit up to 135 lit**
- **Diameters: 232, 356 and 406 mm**
- **Production Method: Plate DDI and Pipe Spinning**
- **Material: Alloy Steel – 34CrMo4**
- **Working Pressure: 200 bar**
- **Certification: INSO 7598, ISO 11439, ECE R110**



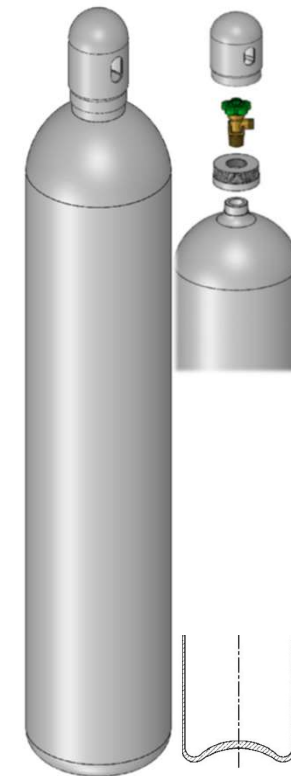
# CNG Cylinders – OEM Supply



# Industrial/Medical Cylinders

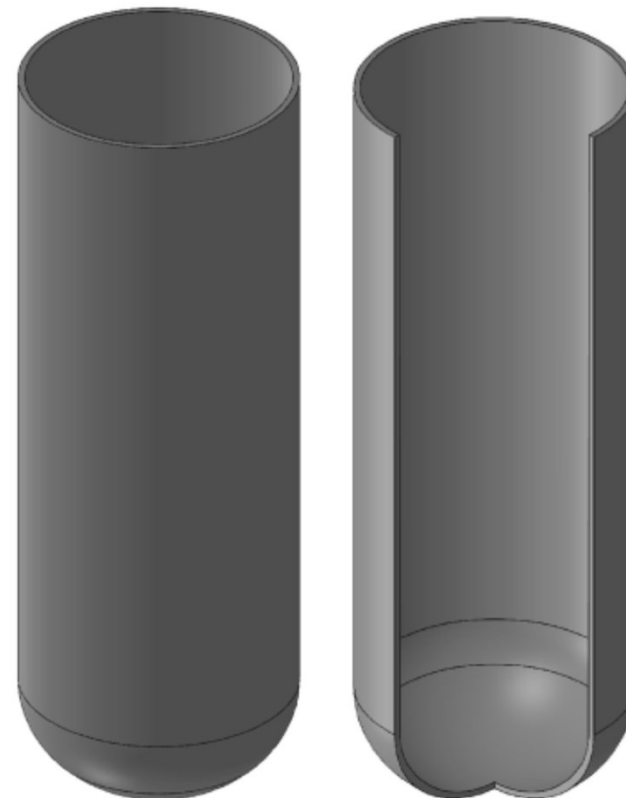


- **Seamless Steel Gas Cylinders**
- **Industrial gases such as nitrogen, argon, oxygen, etc.**
- **Medical Gases such as oxygen, etc.**
- **Size: 40lit, 50lit, 135lit – other sizes as be supplied as per request**
- **Diameters: 232, 356 and 406 mm**
- **Production Method: Plate DDI and Pipe Spinning**
- **Material: Alloy Steel – 37Mn and 34CrMo4**
- **Working Pressure: 150 ~ 200 bar**
- **Certification: INSO 7909-1, ISO 9809-1**



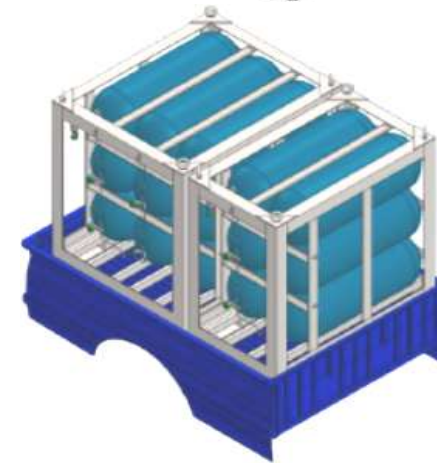
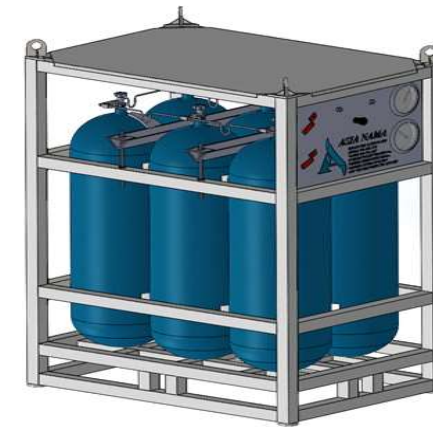
# Semi-Finished Product (cup)

- Seamless Steel Semi-Finished Cylinders
- Raw Material for Cylinder Production
- Light Weight Final Product
- Size: 35 lit up to 135 lit
- Diameters: 232, 356 and 406 mm
- Production Method: Plate DDI
- Material: Alloy Steel – 34CrMo4
- Cylinder Working Pressure: 200 bar
- Smooth Surface Finish
- Tight Geometric Tolerances



# Gas Bundles

- **Cylinders Bundle**
- **Industrial gases such as nitrogen, oxygen, etc.**
- **Medical Gases such as oxygen, etc.**
- **Capacity: as per customer request**
- **Working Pressure: 200 bar**
- **Cylinder Certification: INSO 7909-1, ISO 9809-1**
- **Customization as per order**

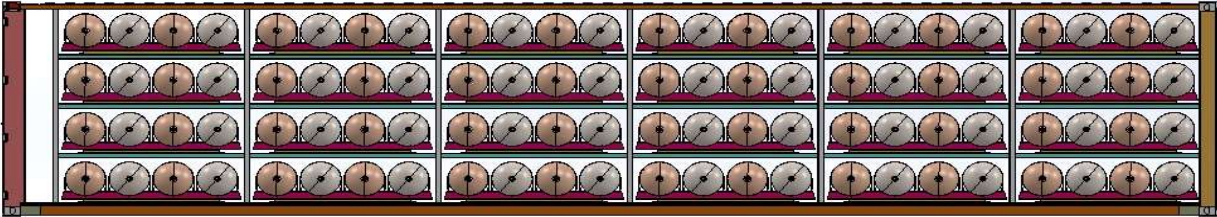


# Gas Transport Skid Trailer



➤ Customization as per order

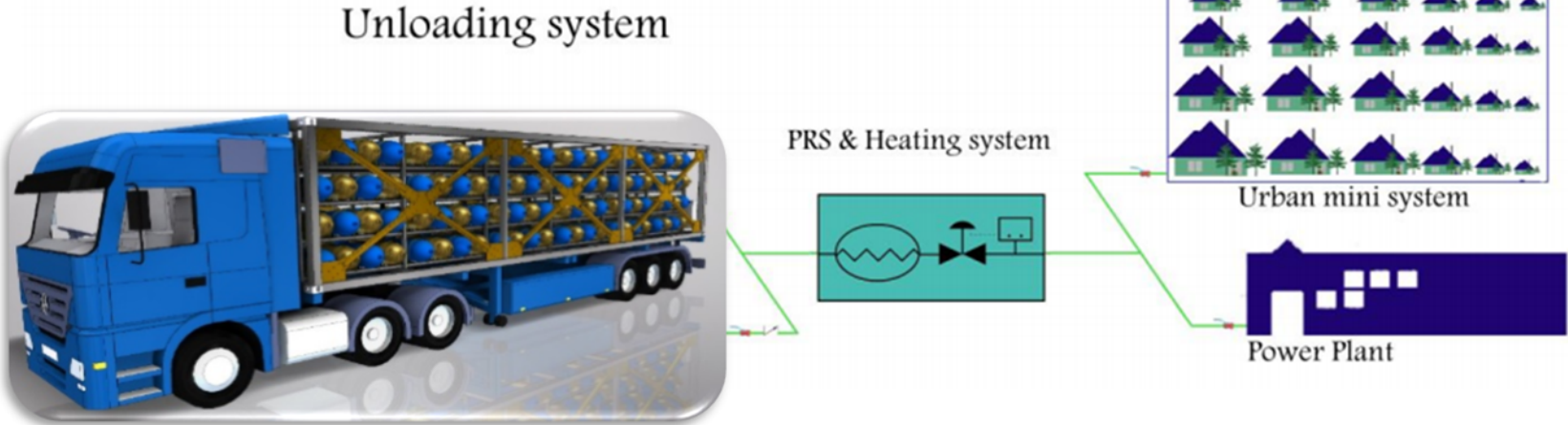
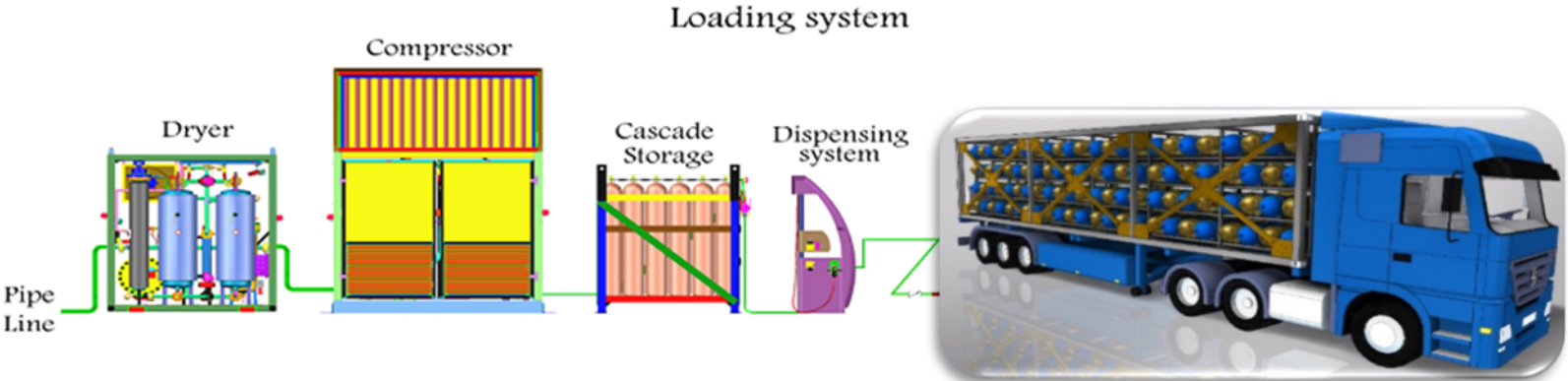
Brand	Product Name	Total Capacity	Working Pressure	Skid Weight
ASIA NAMA	Skid trailer H1	20,160 Lit	200 bar	24.5 Ton



Methane Capacity (CNG)	No. of Cylinders	Other Options
3 ton	192	<ul style="list-style-type: none"> <li>• Charging and discharging Control Panel</li> <li>• Digital pressure and temperature transmitters</li> <li>• Adequate safety and shut-off valves</li> </ul>



# Virtual Pipeline



# CNG Conversion Workshop

(Under Development)

- Conversion Workshop
- After Sales Services
- Sequential Systems
- Periodic Inspections
- Repair Services
- CNG Training Center
- Diesel Dual Fuel (DDF)
- CNG Parts Supply



# Export Experiences

- Semi Finished Product (CUP)
- CNG Cylinders
- 356 OD - 62lit, 75lit
- 406 OD - 80lit, 90lit, 100lit





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