

PIPE / FLANGE COLD CUTTING & BEVELING

The Hydratight NB or Narrow Body portable Clamshell series are ideal when space is at a premium. Each of the machines within the NB series have a height of 76.2 mm (3") and a width of 57.2 mm (2.25"). The resulting narrow body low profile design makes the NB series the perfect choice in tight spaces or if obstructions are present. Available from Pipe size 4" - 24" (114 - 609 mm).



OUR SERVICE

- Joint Integrity & Flange Management Training
- On-Site Bolting Service (Torque / Tension)
- Online Leak Sealing / Pipe Wrapping Service
- Pipe / Flange On-Site Machining
- Pipe / Flange Cold Cutting & Beveling

CONTACT US

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ALPHA INDUSTRIAL SERVICES

Service | Engineering | Solutions | Reliability

Understand Customer's
Problem and Offer
Professional Solutions
From Our Qualified
Training and Specialized
Service Team

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1

DESCRIBE OF ASME

PCC-1 : 2022 (3 HOURS)

Introduction to Bolting, Bolting Principles and explain all section of ASME PCC-1 : 2022

2

FLANGE FASTENER AND GASKETS (3 HOURS)

Introduction to 3 important parts (Flanges, Fasteners, and Gaskets). Included with Pressure Relief devices and other.

3

TORQUE, TENSION, BOLT LOOSENING, CORROSION, GALLING, AND SEIZING (3 HOURS)

Introduce to Torque and Tension, Torque Calculation, Bolting Patterns, Bolt Self-Loosening, Corrosion, Galling, and Seizing.

4

PLANNING, SAFETY, TORQUE, TENSION TOOLS (3 HOURS)

The Importance of Bolting Safety, Planning, Preparation and Tool Handling

5

FINAL EXAMINATION (2 HOURS)

Final Exam consists 60 to 75 multiple choice questions. A passing grade of at least 90% will go for the hands-on training and skills assessment.

6

HAND ON (3 HOURS)

- Observe and practice proper procedures and perform the key competencies required in each exercise within expected tolerances
- Able to explain the technical principles underlying the practical competencies

“ JOINT INTEGRITY & FLANGE MANAGEMENT TRAINING

Bolter will learn to inspect, assemble, disassemble and tighten bolted joints in an effective with safety procedure and demonstrate capabilities to become a Bolting Specialist per ASME PCC-1 : 2022

Engineer & Sup. : Course 1-6 (3 DAYS)

Foreman & Tech : Course 2,3,4 and 6 (2.5 DAYS)

Each class : 6 - 12 persons

ON-SITE BOLTING SERVICE (TORQUE / TENSION)

Serving wide ranging industries in the region, ALPHA has a team of OEM trained technicians. They are experienced and competent in carrying out the most difficult bolting operation in a safe, reliable and cost effective manner.



ONLINE LEAK SEALING / PIPE WRAPPING SERVICE

Any escape of gas or liquid from a plant machinery while it is operating results in production downtime that translates to added costs aside from potentially hazardous substances leaking into the working area.



PIPE / FLANGE ONSITE MACHINING

Repair Field Machining – Flange Facing :
0" – 12" (0 - 305 mm) / 2"- 24" (50 - 625 mm)
6"- 40" (153 - 1,000 mm) / 12"- 60" (300 -1,500 mm)

