

HBI TRAINING PROGRAMS

The HYTORC Bolting Institute (HBI) is the training arm of HYTORC. As the world leader in industrial bolting systems since 1968, HBI develops people, knowledge, methods, tools and training essential to safely achieving reliable bolted connections. HBI delivers on HYTORC's mission with training that helps our customers optimize industrial bolting safety, quality and schedule.

CERTIFICATE COURSES



HBI partners with ASME and OSHA to offer certificate courses from these widely recognized organizations that maximizes the educational value of each class.

CERTIFIED INSTRUCTORS



All classes are delivered by certified instructors providing in-depth knowledge of bolting which results in improvements in job safety, quality and schedule.

FLEXIBLE SCHEDULING



HBI manages all course logistics and provides excellent service in scheduling online and in person classes that meet your needs.

HY-TRAIN — TAKE THE WORRY OUT OF WORK FORCE COMPETENCE

The HY-TRAIN™ Program allows customers to secure training at significant cost savings when ordered with equipment purchase. Customers can choose from three levels to ensure workers get the training they need no matter the bolting experience level.

BASIC	PLUS	PREMIUM
4 hours	8 hours	16 hours
One Half Day 4-hour Class	One Full Day 8-hour Class or Two 4-hour half-day classes	One Two Day 16-hour Class or Two Full Day 8-hour classes or Four 4-hour half day classes
Up to 10 Students Per Class 20% off Additional Students	Up to 10 Students Per Class 20% off Additional Students	Up to 10 Students Per Class 20% off Additional Students
ASME Certificate	ASME or OSHA Certificates	ASME or OSHA Certificates

- Available to customers who purchase or rent tools valued \$10,000 or more within a year of HY-TRAIN purchase.
- Classes are delivered by a Certified HBI Instructor within 12 months of HY-TRAIN purchase.
- Classes are delivered at the site of specific purchase or equipment use.
- In-person classes more than 8 hours must be held on consecutive days.
- Expense for instructor travel are billed separately.
- Discounts apply during the 12-month subscription period.

(Continued on the reverse side.)

TECHNICAL BOLTING TRAINING COURSES

HYTORC Technical Training courses are fee-based certificate classes delivered by certified HYTORC Instructors where classes are arranged to meet the scheduling needs of each customer. HYTORC can help recommend the appropriate courses for the level of training required.

LEVEL	SERIES	COURSE TITLE	COURSE NUMBER	PDH (HOURS)	IN-PERSON	ONLINE	CERTIFICATE	
B	BASIC BOLTER	Participant requires no previous experience; gains general familiarization with industrial bolting.						
		Basic Bolting Overview	HBI-ASME-GP555	4	✓	✓	ASME, HBI	
		Bolting Basics	HBI-ASME-GP556	1	✓	✓	ASME, HBI	
		Bolting Safety Basics	HBI-ASME-GP557	1	✓	✓	ASME, HBI	
		Bolting Tool Basics	HBI-ASME-GP558	2	✓	✓	ASME, HBI	
		Bolting Fastener Basics	HBI-ASME-GP559	2	✓	✓	ASME, HBI	
		Bolting Tensioning Basics	HBI-ASME-GP560	2	✓	✓	ASME, HBI	
1	SAFE BOLTER	Courses introduce bolting principles and practice, bolting safety and tool operation. The participant gains an understanding sufficient to assist/support in the assembly of bolted joints under supervision.						
		Safe Bolting Introduction	HBI-ASME-GP561	4	✓	✓	ASME, HBI	
		Safe Bolting – Pressure Vessels and Piping	HBI-ASME-GP562	8	✓	✓	ASME, HBI	
		Safe Bolting – Structural Connections	HBI-ASME-GP563	8	✓	✓	ASME, HBI	
		Safe Bolting – Mechanical Connections	HBI-ASME-GP564	8	✓	✓	ASME, HBI	
		Safe Bolting for Engineers	HBI-ASME-GP565	8	✓	✓	ASME, HBI	
		Safe Bolting Principles & Practice	HBI-OSHA-7110	8	✓	-	TEEX, OSHA	
2	BOLTING ASSEMBLER	Courses cover bolting fundamentals and safe operation of bolting equipment sufficient for participant to assume primary independent responsibility for assembling and inspecting bolted joints.						
		Bolted Joint Integrity (Combines GP566 & GP567)	HBI-ASME-GP582	16	✓	-	ASME, HBI	
		Bolting Assembly Fundamentals	HBI-ASME-GP566	8	✓	✓	ASME, HBI	
		Bolting Assembly – Power Equipment	HBI-ASME-GP567	8	✓	-	ASME, HBI	
		Bolting Assembly – Torque Equipment	HBI-ASME-GP568	8	✓	-	ASME, HBI	
		Bolting Assembly – Tension Equipment	HBI-ASME-GP569	8	✓	-	ASME, HBI	
		Bolting Specialist Hands-On Assessment	HBI-ASME-BSQP	8	✓	-	ASME, HBI	
3	BOLTING TRAINER	Courses cover key elements all previous levels for supervisors or trainers who will oversee others in the safe assembly and quality assurance of bolted joints.						
		Bolting Trainer – Basics	HBI-ASME-GP570	4	✓	-	ASME, HBI	
		Bolting Trainer	HBI-ASME-GP571	8	✓	-	ASME, HBI	
		Bolting Supervisor	HBI-ASME-GP572	8	✓	-	ASME, HBI	
4	BOLTING EXPERT	Participant gains expert understanding of all levels sufficient to develop bolting assembly methods and procedures.						
		Bolting Expert – Piping	HBI-ASME-GP573	8	✓	-	ASME, HBI	
		Bolting Expert – Heat Exchanger	HBI-ASME-GP574	8	✓	-	ASME, HBI	
		Bolting Expert – Special Joints	HBI-ASME-GP575	8	✓	-	ASME, HBI	
		Bolting Expert – Engineering	HBI-ASME-GP576	8	✓	✓	ASME, HBI	
		Bolted Joint Assembly Principles per ASME PCC-1-2019 (equivalent to PD577) All 2 full days	HBI-ASME-GP580	12	✓	✓	ASME, HBI	

TOOL TRAINING COURSES

There are two primary options for Tool Training:

- Out-of-Box Training** – Training on HYTORC Tools is included at no charge with the purchase of new equipment when delivered by the HYTORC Area Representative within 90 days of purchase. Out-of-Box Tool Training are non-certificate classes limited to products purchased.
- Certificate Tool Training** – Alternatively HYTORC Tool Training may be scheduled with a HBI Instructor as a fee-based class where each participant is provided with a certificate. Certificate tool training classes may be arranged to cover any tool or combination of tools and may be customized or combined with Technical Certificate courses as required.

LEVEL	SERIES	COURSE TITLE	COURSE NUMBER	PDH (HOURS)	IN-PERSON	ONLINE	CERTIFICATE
Entry	TOOL TRAINING	General Tool Training	HBI-TT-GENERAL	1	✓	✓	HBI
		Hydraulic Wrench & Pumps	HBI-TT-HYDRAULIC	1	✓	✓	HBI
		Pneumatic Tools	HBI-TT-PNEUMATIC	1	✓	✓	HBI
		Electric Tools	HBI-TT-ELECTRIC	1	✓	✓	HBI
		Manual Wrenches	HBI-TT-MANUAL	1	✓	✓	HBI
		Fastener Training	HBI-TT-FASTENER	1	✓	✓	HBI
		HYTORC Tensioners	HBI-TT-TENSIONER	1	✓	✓	HBI

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Headquarters:
333 Route 17 N., Mahwah, NJ 07430
+1-201-512-9500

Email:
info@hytorc.com

Phone:
1-800-FOR-HYTORC

Online:
hytorc.com