## **Bolt and Fixing**

## **TEST PAPER**

CANDIDATE NAME:			GROUP NO:
RESULT:		PASS	
		Needs more training:	DATE:
۸۵	CECCOD.	DDINT	CION
ASSESSOR:		PRINT	SIGN
1	Give three met		bolting system and state which one is
	Oir ra far ra a shi	ada a a a a a taga a da a a da la alt	from against Land
2	Give four metr	ods preventing nuts and bolt	s from coming lose
3		carbon steel bolt material is i	
	petrochemical	industry and how can it be ve	erified

4	What grade of stainless steel bolt material is most commonly used in the petrochemical industry and how can it be verified
5	Sketch and explain why it is important to use girder-washers on some "mainly old" sections of structural steel

6	What is the main difference between the unified thread form and the Whitworth thread form
7	VA/last in the manife difference whose proposition the incomplish three admittals and the
7	What is the main difference when measuring the imperial thread pitch and the metric thread pitch form
8	What's the importance of using the correct fitting spanner on hexagon headed nuts and bolts. (at least three reasons)
	What is the denger of using the urrang size alleg less on a can bead belts or a grub
9	What is the danger of using the wrong size allen key on a cap head bolts or a grub screw
10	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
10	Which has the greater strength (pull-out strength) a fine or a course thread pitch form.
11	When a bolting system is fully tightened how much thread if any should visible
11	after the nut

12	With reference to "Young's Modula's of Elasticity" draw and label the load extension graph and explain its importance to applying the correct torque to a bolting system
	boiling dystern

13	Sketch and number a bolt tightening sequence for an eight bolt flange cover and explain why it is important
	explain why it is important