

WELDING INSPECTOR'S EXAMINATION

Sl. No	TESTS	BASIC LEVEL	STD. LEVEL	ADV. LEVEL
A	THEORY TEST	X	X	X
	Theory question papers to be objective type with multiple possible answers.			
	For Basic and Standard level 50 questions to have one (1) right answer. For advanced level 40 questions to have one right answer and 10 questions to have 2 right answers.			
	Total 50 questions x 2 marks each = 100 marks	100	100	100
	Pass marks	65	65	65
B	PRACTICAL TESTS			
	1. Plate and Pipe Butt / fillet welds metrology – To size the important weld geometry parameters	X		
	2. Macro examination of – Plate / pipe / fillet and butt welds – To detect discontinuities and size the same	X	X	
	3. LPT & MPT of welds – To detect and size open to surface discontinuities either by carrying out LPT / MPT of weld coupons.		X	
	4. WPS & PQR – To review and correct mistakes		X	X
	5. Study and interpretation of a weld drawing			X
	6. Radiographic interpretation – To interpret the discontinuities and evaluate the same with given acceptance criteria * for carbon and stainless steels			X
	Full Marks	100	100	100
	Pass Marks	65	65	65
C	VIVA VOCE TEST	X	X	X
	To be conducted during or after practicals			
	Full Marks	100	100	100
	Pass Marks	65	65	65
	OVERALL WEIGHTAGE			
	Theory	40%		
	Practical	40%		
	Viva Voce	20%		
<p>Note: To obtain the certificate, a candidate is to secure minimum 65% marks in all the sections individually & 70% marks in weighted average of all the three sections (A, B & C) mentioned above.</p>				

‘X’ means applicable for the corresponding level.