As Per NSQF Implementation Manual & Syllabus

WIREMAN

Formative Internal Assessment (Annex-II)

First Year

Craft Instructor Name:-

Name Of the Institute: Industrial Training Institute,

Nam	e & Address of the Assessor :								Year of	f Enrolli	ment :				
Nam	e & Address of ITI (Govt./Pvt.) :			ial Trai , Nashik		stitute,				Date of	Assessr	nent :			
Nam	e & Address of the Industry:		Trimba Satpur		r Road,	Satpur MI	DC,		T		nent loc ry / ITI	ation :	: ITI		
Trad	e Name :	WIREMAN				Examinati	on :I/II		II		on of the / course		O YEAR		
Lear	ning Outcome: 20	20. Construct and to regulated power supplemental control of the c		-wave, f	ull-wav	e, and bridg	ge rectif	iers with	filter &	withou	ıt filter.	Trouk	ole shoot an	d service (of DC
	ning Outcome: utcome	20.1 Practice solder 20.2 Identify passiv 20.3 Construct and 20.4 Identify the column 20.5 Identify the pa	e /active test a ha ntrol an	comporalf wave	nents by , full wa onal swi	ive and brid itches in CR	lge recti RO and 1	fiers wit measure	th and w	ithout f	ïlter cir	cuits.		ime period	l.
	Professional Skills (Trade Practical) With Indicative Hours	110. Identify the ter	minals o	of LED,	Diode,	transistor, 2	Zener di	ode, UJ	Γ, SCR,	regulat	or ICs a	nd tes	st it. (25 hrs	.)	
	Maximum Marks (Tota	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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Nam	e & Address of the Assessor :									Year of	Enroll	ment :			
Nam	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik		titute,				Date of	Assessi	nent :			
Nam	e & Address of the Industry :		Trimba Satpur		r Road,	Satpur MI	DC,				nent loc ry / ITI		: ITI		
Trad	e Name :	WIREMAN				Examination	on :I/II		II	Duratio Trade			O YEAR		
Lear	ning Outcome: 20	20. Construct and to regulated power sup		–wave, f	full-wav	e, and bridg	ge rectifi	iers with	filter &	& withou	ıt filter.	Troul	ole shoot an	d service (of DC
	ning Outcome: outcome	20.1 Practice solder 20.2 Identify passiv 20.3 Construct and 20.4 Identify the cor 20.5 Identify the pa	e /active test a ha ntrol an	comporalf wave d function	nents by , full wa onal swi	ve and brid tches in CR	lge recti O and 1	fiers wit neasure	th and w	vithout f	ilter cir	cuits.		ime period	l.
	Professional Skills (Trade Practical) With Indicative Hours	111. Construct and	test var	iable DC	C power	supply and	trouble	shoot tl	he defec	ts in a si	imple po	ower s	upply. (25 l	nrs.)	
	Maximum Marks (Total	100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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Nam	e & Address of the Assessor:									Year of	Enrollr	nent :			
Nam	e & Address of ITI (Govt./Pvt.) :		Satpur	, Nashik							Assessn				
Nam	e & Address of the Industry :		Trimba Satpur		r Road,	Satpur MI	DC,			Assessn Indust	nent loca ry / ITI	ation :	ITI		
Trad	le Name :	WIREMAN				Examination	on :I/II		II		on of the / course		O YEAR		
	rning Outcome: 20	20. Construct and to regulated power sup	pply.	-		e, and bridg	ge rectifi	ers with	filter &	withou	t filter.	Troub	ole shoot an	d service	of DC
	rning Outcome: outcome	20.1 Practice solder 20.2 Identify passiv 20.3 Construct and 20.4 Identify the con 20.5 Identify the pa	e /active test a ha ntrol an	compoi alf wave d function	nents by , full wa onal swi	ve and brid tches in CR	lge recti O and r	fiers wit neasure	h and w	ithout f	ilter circ	cuits.		me period	I.
	Professional Skills (Trade Practical) With Indicative Hours	112. Construction & 113. Connection of													
	Maximum Marks (Total	100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	AVIV	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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Nam	e & Address of the Assessor :									Year of	Enroll	ment :			
Nam	e & Address of ITI (Govt./Pvt.) :		Industr Satpur,		ning Ins	titute,				Date of	Assessi	nent :			
Nam	e & Address of the Industry :		Trimba Satpur		r Road,	Satpur MI	DC,				nent loc ry / ITI		: ITI		
Trad	e Name :	WIREMAN				Examination	on :I/II		II	Duratio Trade			O YEAR		
Lear	ning Outcome: 20	20. Construct and t		-wave, f	full-wav	e, and bridg	ge rectifi	iers with	filter &	k withou	ıt filter.	Troul	ole shoot an	d service (of DC
	ning Outcome: outcome	20.1 Practice solder 20.2 Identify passiv 20.3 Construct and 20.4 Identify the co 20.5 Identify the pa	e /active test a ha ntrol an	compos alf wave d functi	nents by , full wa onal swi	ve and brid tches in CR	lge recti O and 1	fiers wit neasure	th and w	vithout f	ilter cir	cuits.		ime period	l.
	Professional Skills (Trade Practical) With Indicative Hours	114. Practice in solo	lering a	nd brazi	ing by fo	ollowing Inc	lian Ele	etricity 1	rules. (2	0 hrs.)					
	Maximum Marks (Total	100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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Namo	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik	ning Ins	stitute,				Date of	Assessr	nent :			
Namo	e & Address of the Industry :	.	Trimba Satpur		r Road,	Satpur MI	DC,				nent loc ry / ITI	ation	: ITI		
Trad	e Name :	WIREMAN				Examinati	on :I/II		II		on of the / course		O YEAR		
Lear	ning Outcome: 21	21. Understand the and reverse operati safety. Maintain an	on and	speed co	ntrol of	DC motors									
Subo	ning Outcome: utcome essional Skills (Trade Practical) Indicative Hours	21.1 Plan work in c 21.2 Identify the pa 21.3 Connect a DC 21.4 Disassemble, s 21.5 Connect the D 21.6 Troubleshoot of D.C. GENERATOI 115. Identification of	erts of D generate ervice an C motor & maint	C machior, build assen througain a DC	ine and i I up the able a D h 2/3/4 p C machi	measure ar voltage & lo C generator ooint starter ne.	mature oad with r with d	& field in proper ue care.	resistand safety.	ces and i					
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		116. Testing and mo	easuring	g the fiel	d and A	rmature re	sistance			15 hrs.)					
	Maximum Marks (Tota	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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Namo	e & Address of the Assessor :									Year of	f Enrollı	ment :			
Namo	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik	ning Ins	titute,				Date of	Assessr	nent :			
Namo	e & Address of the Industry :		Trimba Satpur		r Road,	Satpur MI	DC,		T		nent loc ry / ITI	ation :	: ITI		
Trad	e Name :	WIREMAN				Examinati	on :I/II		II		on of the / course		O YEAR		
	ning Outcome: 21	21. Understand the and reverse operati safety. Maintain an	on and s	speed co leshoot o	ntrol of of DC m	DC motors achines.	. Condu	ct the lo	ad perf	ormance					
Subo	essional Skills (Trade Practical) Indicative Hours	21.1 Plan work in c 21.2 Identify the pa 21.3 Connect a DC 21.4 Disassemble, so 21.5 Connect the Do 21.6 Troubleshoot & 118. Identification of 119. Insulation resis	erts of Dogenerate ervice and C motor & maint	C machior, build assen througain a DC	ine and in the able a D h 2/3/4 p machines	measure arrovoltage & lo C generator coint starter ne.	mature of the control	& field in proper ue care.	resistand safety. e speed	ces and i	ge direct				
		120. Building up of 121. Servicing of ge						shes. (20	0 hrs.)						
	Maximum Marks (Tota	l l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
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Namo	e & Address of the Assessor :								Year of	f Enrollı	ment :				
Namo	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik	ning Ins	stitute,				Date of	Assessr	nent :			
Namo	e & Address of the Industry :		Trimba Satpur		r Road,	Satpur MI	DC,		T		nent loc ry / ITI	ation :	: ITI		
Trad	e Name :	WIREMAN				Examination	on :I/II		II		on of the / course		O YEAR		
Lear	ning Outcome: 21	21. Understand the and reverse operati safety. Maintain an	on and	speed co	ntrol of	DC motors									
Subo	,	21.1 Plan work in c 21.2 Identify the pa 21.3 Connect a DC 21.4 Disassemble, so 21.5 Connect the Do 21.6 Troubleshoot of	erts of D generate ervice and C motor & maint	C machior, build assen through a DC	ine and i I up the able a D h 2/3/4 p C machi	measure ar voltage & lo C generator ooint starter ne.	mature of pad with with do y, run, ac	& field in proper ue care. djust the	resistand safety. e speed	ces and i	ge direct	ion of			
With	Indicative Hours	122. Practice in con 123. General maint 124. Testing of D.C	enance o	of D.C. 1	nachine	s. (13 hrs.)				, ,	ger. (12	hrs.)			
	Maximum Marks (Total	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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Namo	e & Address of the Assessor :								Year of	f Enrollı	ment :				
Namo	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik	ning Ins	stitute,				Date of	Assessr	nent :			
Namo	e & Address of the Industry:		Trimba Satpur		r Road,	Satpur MI	DC,				nent loc ry / ITI	ation :	: ITI		
Trad	e Name :	WIREMAN				Examinati	on :I/II		II		on of the / course		O YEAR		
	ning Outcome: 21	21. Understand the and reverse operati safety. Maintain an	on and s	speed co leshoot o	ntrol of of DC m	DC motors achines.	. Condu	ct the lo	ad perf	ormanc					
	ning Outcome: utcome	21.1 Plan work in c 21.2 Identify the pa 21.3 Connect a DC 21.4 Disassemble, so 21.5 Connect the Do 21.6 Troubleshoot	rts of Degenerate generate ervice an C motor	C machior, build assen	ine and i I up the able a D h 2/3/4 p	measure ar voltage & l C generato ooint starte	mature oad with r with d	& field i proper ue care.	resistand safety.	ces and i					
	essional Skills (Trade Practical) Indicative Hours	125. Study of DC st 126. Use Revolution 127. Trouble shooti	ı counte	r. (6 hrs	.)									3 hrs.)	
	Maximum Marks (Total	100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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FORMAT FOR INTERNAL ASSESSMENT

Name	e & Address of the Assessor :									Year of	f Enrollı	ment :			
Name	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik		titute,				Date of	Assessr	nent :			
Name	e & Address of the Industry :	_	Trimba Satpur		r Road,	Satpur MII	OC,				nent loc ry / ITI	ation :	: ITI		
Trade	e Name :	WIREMAN				Examination	on :I/II		II		on of the / course		O YEAR		
Leari	ning Outcome: 22	22. Understand the starter, running, fo												with suitab	ole
Subo	ning Outcome: utcome essional Skills (Trade Practical) Indicative Hours	22.1 Plan work in c 22.2 Connect start, 22.3 Identify the ten direction of rotation 22.4 Determine the 22.5 Wire up, start, 22.6 Construct DOI 22.7 Practice power	run and rminals o n. efficienc , run and L, Forwa r connece	reverse of 3 phase ey of 3 pl adjust a ard/Reve tions to a	the DOS se squirr hase squ the spee erse star motors.	R of difference cage industried cage industried cage industried cage industried cage industried cage in cage i	nt type of the control of the contro	of single lotor, wi motor l lection mo lish butto	phase mre up, ru by no loa otor. on switch	otors. in using ad test/ l	olocked	rotor	test and bra	ike test.	ge the
		130. Measurement 131. Determine the					ections in	n a 3-Ph	motor. ((10 hrs.)					
	Maximum Marks (Tota	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Sconomical ise of materials	Speed in doing work	Quality in vorkmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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Namo	e & Address of the Assessor:									Year of	f Enrolli	ment :			
Namo	e & Address of ITI (Govt./Pvt.) :		Industr Satpur,		ning Ins	titute,				Date of	Assessr	nent :			
Namo	e & Address of the Industry:		Trimba Satpur	keshwa	r Road,	Satpur MI	DC,				nent loc ry / ITI		: ITI		
Trad	e Name :	WIREMAN				Examination	on :I/II		II		on of the / course		O YEAR		
Leari	ning Outcome: 23	23. Understand the Synchronization of					_	s of Alte	rnator s	et. Test,	, Wire-u	p and	run alterna	ator.	
	ning Outcome: utcome	23.1 Plan work in co 23.2 Identify the pa 23.3 Wire-up, start 23.4 Load the Alter 23.5 Synchronise th	rts of an and run nator &	Alterna an alter find ou	ator, me rnator a t regula	asure arma nd build up tion at diffe	ture & : the vol	field res tage.			ulation	resista	nnce.		
	essional Skills (Trade Practical) Indicative Hours	A.C. GENERATOR 132. Identification of 133. Running of Alt tests). (28 hrs.) 134. Connect and to	of Altern ternator	ator of by prin	parts. (1 ne move	0 hrs.) r and loadii			regulati	on at di	fferent l	oads.	Testing of ε	alternators	s (IR
	Maximum Marks (Total	100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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FORMAT FOR INTERNAL ASSESSMENT

Name	e & Address of the Assessor :									Year of	f Enroll	ment :			
Name	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik		stitute,				Date of	Assessi	nent :			
Namo	e & Address of the Industry :		Trimba Satpur		r Road,	Satpur MI	DC,				nent loc ry / ITI		: ITI		
Trad	e Name :	WIREMAN				Examinati	on :I/II		II		on of the		O YEAR		
Lear	ning Outcome: 24	24. Understand the Transformer.	types, c	onstruct	ional fe	atures, wor	king pri	nciples	of transi	former (single &	three	e phase) Co	nnect and	test
Subo	ning Outcome: utcome essional Skills (Trade Practical) Indicative Hours	24.1 Plan work in c 24.2 Identify the ty 24.3 Measure wind 24.4 Identify the ter 24.5 Connect and to 24.6 Determine the 24.7 Connect transf	pes of tr ing resis rminals; est a sing losses (i formers	ansform tance & verify t gle phase ron loss in paral	ers and Insulati he trans e auto- t and cop lel.	their specifion resistan formation i ransformer per loss) ef	ications ce of sin ratio of a ficiency	agle phas a single and reg	se & 3 p phase an	hase tra nd 3 pha of a sing	se trans	sforme e trans	sformer at (oads.
	Maximum Marks (Tota	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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Namo	e & Address of ITI (Govt./Pvt.) :		Industr Satpur,		ning Ins	stitute,				Date of	Assessr	nent :			
Namo	e & Address of the Industry :		Trimba Satpur	ıkeshwa	r Road,	Satpur MI	DC,				nent loc ry / ITI	ation :	: ITI		
Trad	e Name :	WIREMAN				Examinati	on :I/II		II		on of the / course		O YEAR		
Leari	ning Outcome: 24	24. Understand the Transformer.	types, co	onstruct	tional fe	atures, wor	king pri	nciples (of transi	former (single &	three	e phase) Co	nnect and	test
Subo	ning Outcome: utcome	24.1 Plan work in co 24.2 Identify the typ 24.3 Measure windi 24.4 Identify the ter 24.5 Connect and to 24.6 Determine the 24.7 Connect transf	pes of tra ng resist minals; est a sing losses (in formers	ansform tance & verify t gle phase ron loss in paral	ers and Insulati he trans e auto- t and cop lel.	their specifion resistant formation paransformer per loss) ef	fications ce of sin ratio of a c. ficiency	gle phas a single and reg	se & 3 p phase an	hase tra nd 3 pha of a sing	ase trans	sforme e trans	sformer at o		oads.
	essional Skills (Trade Practical) Indicative Hours	136. Constructional 137. Determination			_		e induct	ion moto	or and s	lip ring	inductio	on mot	tor. (12 hrs.)	
	Maximum Marks (Tota	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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FORMAT FOR INTERNAL ASSESSMENT

Name	e & Address of the Assessor:								Year of	Enrolli	ment :				
Namo	e & Address of ITI (Govt./Pvt.) :			ial Trai , Nashik	ning Ins	titute,				Date of	Assessr	nent :			
Name	e & Address of the Industry :		Trimba Satpur		r Road,	Satpur MI	DC,				nent loc ry / ITI	ation	: ITI		
Trad	e Name :	WIREMAN				Examinati	on :I/II		II	Duratio Trade			O YEAR		
Learı	ning Outcome: 24	24. Understand the Transformer.	types, c	onstruct	tional fe	atures, wor	king pri	nciples (of trans	former (single &	three	e phase) Co	nnect and	test
	ning Outcome: utcome	24.1 Plan work in c 24.2 Identify the typ 24.3 Measure windi 24.4 Identify the ter 24.5 Connect and to 24.6 Determine the 24.7 Connect transf	pes of traing resisteminals; est a sing losses (i	ansform tance & verify t gle phase ron loss	iers and Insulati he trans e auto- t and cop	their specif on resistan formation i ransformer	ications ce of sin ratio of	gle phas a single	se & 3 p phase a	hase tra nd 3 pha	ise trans	sform		different l	oads.
	essional Skills (Trade Practical) Indicative Hours	138. Familiarization	n of DO	L starte	r, Star- (delta startei	r, Autot	ransforn	ner star	ter and	slip ring	g IM s	tarter. (15 h	nrs.)	
	Maximum Marks (Total	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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Name	e & Address of the Assessor:								Year of	Enrolli	ment :				
Name	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik	ning Ins	stitute,				Date of	Assessn	nent :			
Name	e & Address of the Industry :		Trimba Satpur		r Road,	Satpur MI	DC,				nent loc ry / ITI	ation :	ITI		
Trade	e Name :	WIREMAN				Examinati	on :I/II		II		on of the		O YEAR		
Learı	ning Outcome: 24	24. Understand the Transformer.	types, c	onstruct	tional fe	atures, wor	king pri	nciples	of trans	former (single &	three	e phase) Co	nnect and	test
Subo	ning Outcome: utcome	24.1 Plan work in c 24.2 Identify the ty 24.3 Measure windi 24.4 Identify the ter 24.5 Connect and to 24.6 Determine the 24.7 Connect transf	pes of tr ing resis rminals; est a sing losses (i formers	ansform tance & verify t gle phase ron loss in paral	ters and Insulati he trans e auto- t and cop llel.	their specifion resistan formation ransformer per loss) ef	Fications ce of sin ratio of a r. ficiency	s. gle phas a single and reg	se & 3 p phase a ulation	hase tra nd 3 pha of a sing	ase trans	sform		lifferent lo	oads.
	essional Skills (Trade Practical) Indicative Hours	139. Phase sequence	e test on	three p	hase IM	motors, Sii	ngle pha	ising pre	eventer.	(14 hrs.,)				
	Maximum Marks (Tota	 100 Marks)	15	5	10	5	10	10	5	10	15	15		 I	Trainee
SI. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness 3	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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Name	e & Address of the Assessor:								Year of	f Enrollı	ment :				
Name	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik	ining Ins	stitute,				Date of	Assessn	nent :			
Namo	e & Address of the Industry :		Trimba Satpur		ır Road,	Satpur MI	DC,				nent loc ry / ITI	ation :	: ITI		
Trad	e Name :	WIREMAN				Examinati	on :I/II		II		on of the / course		O YEAR		
Learı	ning Outcome: 24	24. Understand the Transformer.	types, c	onstruct	tional fe	atures, wor	king pri	nciples	of trans	former (single &	three	e phase) Co	nnect and	test
	ning Outcome: utcome	24.1 Plan work in c 24.2 Identify the tyj 24.3 Measure windi 24.4 Identify the ter 24.5 Connect and to 24.6 Determine the 24.7 Connect transf	pes of tr ing resis rminals; est a sing losses (i	ansform tance & verify t gle phas ron loss	ners and Insulations the trans e auto- t and cop	their specifion resistant formation in transformer	fications ce of sin ratio of	s. gle phas a single	se & 3 p phase a	hase tra nd 3 pha	ase trans	sform		different lo	oads.
	essional Skills (Trade Practical) Indicative Hours	140. Identification of	of A.C a	nd D.C	motors ((identify mo	otors fro	om the st	tock/scr	ap). (8 h	rs.)				
	Maximum Marks (Total	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
SI. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge			Speed in doing work			Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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FORMAT FOR INTERNAL ASSESSMENT

Name	e & Address of the Assessor:									Year of	Enrolli	ment :			
Name	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik		stitute,				Date of	Assessn	nent :			
Name	e & Address of the Industry:		Trimba Satpur		r Road,	Satpur MI	DC,				nent loc ry / ITI	ation :	: ITI		
Trade	e Name :	WIREMAN				Examinati	on :I/II		II		on of the		O YEAR		
Learn	ning Outcome: 24	24. Understand the Transformer.	types, co	onstruct	ional fe	atures, wor	king pri	nciples (of transi	former (single &	three	e phase) Co	nnect and	test
	ning Outcome: utcome	24.1 Plan work in c 24.2 Identify the ty 24.3 Measure windi 24.4 Identify the ter 24.5 Connect and to 24.6 Determine the 24.7 Connect transf	pes of traing resisteminals; lest a sing losses (i	ansform tance & verify t gle phase ron loss	ers and Insulati he trans e auto- t and cop	their specifion resistant formation transformer	fications ce of sin ratio of a	gle phas a single	se & 3 p phase a	hase tra nd 3 pha	ise trans	sform		different l	oads.
	ssional Skills (Trade Practical) Indicative Hours	141. Construction of	of simple	control	circuits	using push	button	and con	tactors.	(18 hrs.	.)				
	Maximum Marks (Total	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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Name	e & Address of the Assessor :								Year of	f Enrollı	ment :				
Name	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik	ining Ins	stitute,				Date of	Assessn	nent :			
Name	e & Address of the Industry :		Trimba Satpur		ır Road,	Satpur MI	DC,				nent loc ry / ITI	ation :	: ITI		
Trade	e Name :	WIREMAN				Examinati	on :I/II		II		on of the / course		O YEAR		
Learı	ning Outcome: 24	24. Understand the Transformer.	types, c	onstruct	tional fe	atures, wor	king pri	nciples	of trans	former (single &	three	e phase) Co	nnect and	test
	ning Outcome: utcome	24.1 Plan work in c 24.2 Identify the ty 24.3 Measure wind 24.4 Identify the ter 24.5 Connect and to 24.6 Determine the 24.7 Connect transf	pes of tr ing resis rminals; est a sing losses (i	ansform tance & verify t gle phas ron loss	ners and Insulations the trans e auto- t and cop	their specifion resistant formation in transformer	fications ce of sin ratio of	gle phas a single	se & 3 p phase a	hase tra nd 3 pha	ase trans	sform		different l	oads.
	essional Skills (Trade Practical) Indicative Hours	142. Connect and r	un the A	A.C singl	e phase	and 3-Ph n	otors by	y using s	starters.	(25 hrs.	.)				
	Maximum Marks (Tota	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
SI. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge			Speed in doing work			Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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FORMAT FOR INTERNAL ASSESSMENT

Nam	e & Address of the Assessor:								Year of	f Enroll	ment :				
Name	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik	ining Ins	stitute,				Date of	Assessi	nent :			
Nam	e & Address of the Industry :		Trimba Satpur		ır Road,	Satpur MI	DC,				nent loc ry / ITI	ation	: ITI		
Trad	le Name :	WIREMAN				Examinati	on :I/II		II		on of the		O YEAR		
Lear	ning Outcome: 24	24. Understand the Transformer.	types, c	onstruc	tional fe	atures, wor	king pri	nciples	of trans	former ((single &	three	e phase) Co	nnect and	test
Subo	essional Skills (Trade Practical)	24.1 Plan work in c 24.2 Identify the ty 24.3 Measure wind 24.4 Identify the te 24.5 Connect and t 24.6 Determine the 24.7 Connect trans	pes of tr ing resis rminals; est a sing losses (i formers	ansform tance & verify t gle phas ron loss in paral	ners and Insulat the trans e auto- t and cop llel.	their specifion resistantsformation stransformer oper loss) ef	fications ce of sin ratio of ·. ficiency	agle phas a single and reg	se & 3 p phase a	hase tra	ase tran	sform		different l	oads.
With	Indicative Hours														
Sl. No.	Maximum Marks (Tota Candidate Name	Father's/ Mother's Name	Safety consciousness 51	Workplace hygiene	Attendance/ Punctuality 01	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in vorkmanship	15 VIVA	Total internal assessment Marks	Result (Y/N)	Trainee Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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FORMAT FOR INTERNAL ASSESSMENT

Name	e & Address of the Assessor :								Year o	f Enroll	ment :				
Name	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik	ining Ins	stitute,				Date of	f Assessi	ment :			
Name	e & Address of the Industry:		Trimba Satpur		r Road,	Satpur MI	DC,				ment loc try / ITI		: ITI		
Trade	e Name :	WIREMAN				Examinati	on :I/II		II		on of the		O YEAR		
Learı	ning Outcome: 24	24. Understand the Transformer.	types, c	onstruct	tional fe	atures, wor	king pri	nciples	of trans	former ((single &	three	e phase) Co	nnect and	test
	ning Outcome: utcome	24.1 Plan work in c 24.2 Identify the ty 24.3 Measure wind 24.4 Identify the te 24.5 Connect and to 24.6 Determine the 24.7 Connect trans	pes of tr ling resis rminals; est a sing losses (i	ansform tance & verify t gle phas ron loss	ers and Insulation The trans e auto- t and cop	their specifion resistan formation i ransformer	fications ce of sin ratio of a	igle phas a single	se & 3 p phase a	hase tra nd 3 pha	ase trans	sforme		different le	oads.
	essional Skills (Trade Practical) Indicative Hours	POWER WIRING 144. Practice powe 145. Assembly & te 146. Erection of pa	r and cor	ntrol cir the fran	cuits on ne for a	boards. (10 panel – suit	able for							15 hrs.)	
	Maximum Marks (Tota	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
SI. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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FORMAT FOR INTERNAL ASSESSMENT

Nam	e & Address of the Assessor :								Year of	f Enroll	ment :				
Nam	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik	ning Ins	titute,				Date of	Assessi	nent :			
Nam	e & Address of the Industry :	_	Trimba Satpur		r Road,	Satpur MII	OC,		_	1	nent loc ry / ITI		ITI		
Trad	le Name :	WIREMAN				Examinati	on :I/II		II		on of the		O YEAR		
Lear	ning Outcome: 24	24. Understand the Transformer.	types, co	onstruct	ional fea	itures, work	king prin	iciples of	f transfo	ormer (si	ingle &	three p	ohase) Com	nect and te	est
Subo	essional Skills (Trade Practical)	24.1 Plan work in c 24.2 Identify the ty 24.3 Measure wind 24.4 Identify the te 24.5 Connect and to 24.6 Determine the 24.7 Connect trans	pes of traing resist rminals; est a sing losses (in formers	ansform tance & verify the de phase ron loss in parall	ers and a Insulation transfer auto-transfer and copplet.	their specification resistant formation reansformer. per loss) eff	cations. ee of sing atio of a	gle phase single p	e & 3 ph hase and	ase tran d 3 phas	e transf	ormer.		fferent load	ds.
With	Indicative Hours	148. Test / check th 149. Insulation test 150. Conducting No 151. Connection of 152. Ratio test and	ing of sin o-load/O transfor	igle phas .C. & sh mers, ef	se and T ort circu ficiencie	hree Phase. uit tests. (15 es of transfo	(15 hrs.))	peratio	n of tran	ısformei	·. (25 h	ars.)		
	Maximum Marks (Tota	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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Name	& Address of the Assessor:								Year of	f Enrollı	nent :				
Name	& Address of ITI (Govt./Pvt.) :			ial Trai Nashik	_	titute,				Date of	Assessr	nent :			
Name	& Address of the Industry :		Trimba Satpur	keshwa	r Road,	Satpur MII	OC,				nent loc ry / ITI	ation :	ITI		
Trade	e Name :	WIREMAN				Examination	on :I/II		II		on of the / course		O YEAR		
Learn	ning Outcome: 25	25. Prepare single li of principle applied											power plan	ts with kno	owledge
Subou	ning Outcome: atcome ssional Skills (Trade Practical) Indicative Hours	25.1 Plan work in cc 25.2 Prepare layout machineries of the cc 25.3 Prepare single 25.4 Demonstrate tc 25.5 Make power cc 25.6 Identify the pa 25.7 Practice crimp 25.8 Start the gener 153. Familiarize and 154. Visit to genera 155. Prepare a line	plan, sinvisited plans visited plans visited plans esting an onnection rts of suling of lugator, but the district of station of the practic ting station.	ngle line ant. gram of to d use of n to subs bstation gs to und ild up vo	diagranthe instition estation equipmedergrouplitage and tion of C	n of different tute's electrotecting devi- equipments. ents like cirond cable and and synchron OH line compydro/Nuclea	ical subscess as pocuit bread connections with	f power station & er IE rul akers an et the cal mains b (20 hrs. to a sub	plant and distributed to be to	nd proje oution sy te them. is bars & ving due	ct repor stem. & equipi care an	t of all	with due ca	ire.)
	Maximum Marks (Total	l 100 Marks)	15	5	10	5	10	10	5	10	15	15		<u> </u>	Trainee
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness (Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions		Skills to handle tools & equipment	Economical use of materials	peed in oing work	Quality in Forkmanship		Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
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FORMAT FOR INTERNAL ASSESSMENT

Name	e & Address of the Assessor :									Year o	f Enroll	ment :	:		
Name	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik	_	stitute,				Date of	f Assessi	nent :			
Name	e & Address of the Industry :		Trimb: Satpur		r Road,	Satpur MI	DC,				ment loc try / ITI		: ITI		
Trade	e Name :	WIREMAN				Examinati	on :I/II		II		on of the		O YEAR		
Learr	ning Outcome: 25	25. Prepare single l knowledge of princ	_		-	-					-				
Subor	ning Outcome: utcome essional Skills (Trade Practical)	25.1 Plan work in c 25.2 Prepare layou machineries of the 25.3 Prepare single 25.4 Demonstrate t 25.5 Make power c 25.6 Identify the pa 25.7 Practice crimp 25.8 Start the general	t plan, sivisited position dialogue of the connection of the connection of the connection of the connection of the connection, but the connection of the connection of the connection, but the connection of the c	ingle linglant. gram of nd use of on to sub obstation ugs to un	the inst f line prostation of equipm dergrou oltage a	m of differontiute's electotecting developments and cable and synchro	ent type rical sulvices as p . reuit br nd conne	of powe bstation per IE re eakers a ect the c h mains	r plant a & distri ules. and oper able to b by obse	and pro ibution : ate ther ous bars rving du	ject repo system. n. s & equi ue care a	ort of :	all equipmo		
With	Indicative Hours	157. Visit to Distrik	oution – s	station. ((15 hrs.)										
	Maximum Marks (Tota	l 100 Marks)	15	5	10	5	10	10	5	10	15	15	-		Trainee Sign.
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)			(14)	(15)	(16)
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FORMAT FOR INTERNAL ASSESSMENT

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Namo	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik		stitute,				Date of	Assessr	nent :			
Name	e & Address of the Industry:		Trimba Satpur		r Road,	Satpur MI	DC,				nent loc ry / ITI	ation :	: ITI		
Trad	e Name :	WIREMAN				Examinati	on :I/II		II		on of the / course		O YEAR		
Lear	ning Outcome: 25	25. Prepare single li knowledge of princ	_		•	-					•				
Subo	ning Outcome: utcome essional Skills (Trade Practical) Indicative Hours	25.1 Plan work in c 25.2 Prepare layout machineries of the v 25.3 Prepare single 25.4 Demonstrate to 25.5 Make power co 25.6 Identify the pa 25.7 Practice crimp 25.8 Start the gener 158. Familiarization 159. Visit to sub-sta 160. Demonstration	t plan, sivisited pline dia esting aronnection of suring of lucator, but and opnition. (18	ingle linglant. gram of use of on to substation ugs to ur will up veration 8 hrs.)	the inst f line prostation of n equipm dergrou oltage a	m of differentiates electrotecting developments like ciund cable and synchro	ent type rical sul vices as j . rcuit br nd conn nise wit	of power bstation per IE r eakers a ect the c h mains	er plant & distr ules. and oper table to by obse	and problems ibution rate therebus bars erving do	ject repo system. n. s & equi ue care a	ort of	all equipmo		
		161. Cooker contro									it/in pla	nt tra	ining in a ii	ndustry. (1	.0 hrs.)
Sl. No.	Maximum Marks (Total	Father's/ Mother's Name	afety consciousness 51	Workplace hygiene	Attendance/ Punctuality 01	Ability to follow Manuals/ Written	Application of Knowledge	Skills to handle tools & equipment	Economical on use of materials	Speed in doing work	Quality in vorkmanship	15 V	Total internal assessment Marks	Result (Y/N)	Trainee Sign.
(01)	(02)	(03)	(04)	(05)	(90) Atte	Abil Mar instr	(8) App	(60) tools	(10)	(11) Spec	(12)	(13)	(14)	(15)	(16)
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FORMAT FOR INTERNAL ASSESSMENT

Same	Name	& Address of the Assessor :									Year o	f Enroll	ment :			
	Name	e & Address of ITI (Govt./Pvt.) :				_	stitute,				Date of	Assessi	nent :			
Learning Outcome: 25 25. Prepare single line diagram and layout plan of electrical transmissions distributions system and power plants with care and safety.	Name	& Address of the Industry :		Trimba	akeshwa		Satpur MI	DC,						: ITI		
Learning Outcome: 25 Charles C	Trade	e Name :	WIREMAN				Examinati	on :I/II		II				O YEAR		
25.5 Propries Incident In	Learn	ning Outcome: 25														
Maximum Marks (Total 100 Marks) 15 5 10 5 10 10 5 10 15 15	Subou	utcome	25.2 Prepare layou machineries of the 25.3 Prepare single 25.4 Demonstrate t 25.5 Make power c 25.6 Identify the pa 25.7 Practice crimp 25.8 Start the general	t plan, si visited p line dia esting ar onnectio arts of su bing of lu rator, bu	ingle linglant. gram of nd use of on to sub obstation ugs to un	the inst f line prostation of a equipm dergrou oltage a	m of differontiute's electotecting developments and cable and synchro	ent type rical sulvices as p . rcuit br nd conne	of powe bstation per IE re eakers a ect the c h mains	r plant a & distri ules. and oper able to b by obse	and pro ibution s ate ther ous bars	ject repo system. n. & equij	ort of a	all equipme s with due		
Sign. Candidate Name			162. Familiarize th	e parts o	oi substa	tions lov	w and nign	voitages	s. (25 nrs	s. <i>)</i>						
St. Candidate Name		Maximum Marks (Tota	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee
O			Father's/				llow ritten			ials		dih		Total internal assessment Marks		Sign.
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FORMAT FOR INTERNAL ASSESSMENT

Namo	e & Address of the Assessor:									Year of	f Enroll	ment :				
Namo	e & Address of ITI (Govt./Pvt.) :			rial Trai , Nashik		stitute,				Date of	Assessi	ment :				
Namo	e & Address of the Industry:		Trimba Satpur		r Road,	Satpur MI	DC,				nent loc ry / ITI		: ITI			
Trad	e Name :	WIREMAN	Examination :I/II II							Duration of the Trade / course :-TWO YEAR						
Leari	ning Outcome: 25		25. Prepare single line diagram and layout plan of electrical transmission & distribution systems and power plants with knowledge of principle applied. Make and test power connection to substation equipments with care and safety. 25.1 Plan work in compliance with standard safety norms related with substation & over head lines.													
Subo	essional Skills (Trade Practical)	25.2 Prepare layout machineries of the 25.3 Prepare single 25.4 Demonstrate to 25.5 Make power co 25.6 Identify the pa 25.7 Practice crimp 25.8 Start the general 163. Demonstration	t plan, si visited p line diag esting ar onnectio arts of su oing of lu rator, bu	ngle lind lant. gram of nd use of n to sub ibstation igs to un ild up v	the inst fline prostation of equipm dergrou oltage a	m of differentiute's electotecting developments like cind cable and synchron	ent type rical sulvices as p . rcuit br nd conno nise with	of powe bstation per IE re eakers a ect the ca h mains	e plant a & distriules. and oper able to be by obsembler charchae	and projection state then bus bars rving du	system. n. & equiple care a	pment	all equipme s with due fety.	care.		
With Indicative Hours 164. Crimping lugs to the conductors of U.G. cable and C.G. cable									ous dar 1	Loop co	ппесио	n tor o	ther circuit	i. (25 Hrs.)		
	Maximum Marks (Tota	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee	
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.	
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)		(13)	(14)	(15)	(16)	
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FORMAT FOR INTERNAL ASSESSMENT

Name & Address of the Assessor :												Year of Enrollment :						
Name	e & Address of ITI (Govt./Pvt.) :		Satpur,						Date of Assessment :									
Name	e & Address of the Industry:		Trimba Satpur	keshwa	r Road,	Satpur MI	DC,		Assessment location : ITI Industry / ITI									
Trad	Γrade Name : WIREMAN			Examination :I/II II							on of the / course		O YEAR					
Learning Outcome: 26 Understand the conformation with				the constructional features, working principles of Alternator set. Test, Wire-up and run alternator. Synchronization with														
	ssional Skills (Trade Practical) Indicative Hours	Synchronizing 165. Building up the	e alterna	itor outj	out volta	age, synchro	onizing (of bus ba	ar volta	ge with ş	generate	ed volt	age. (25 hr	s.)				
	Maximum Marks (Total	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee			
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.			
(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)			
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Name & Address of the Assessor : Name & Address of ITI (Govt./Pvt.) :				Industrial Training Institute, Satpur, Nashik								Year of Enrollment :					
												Date of Assessment :					
Name	e & Address of the Industry:		Trimba Satpur		r Road,	Satpur MI	DC,		Assessment location : ITI Industry / ITI								
Trade	e Name :	WIREMAN	Examination :I/II II							Duration of the Trade / course :-TWO YEAR							
Leari	ning Outcome: 26	26. Select, assemble	ble, test and wire-up control panel wiring.														
	ning Outcome: utcome	26.1 Draw the layout diagram of 3 phase AC motor control cabinet. 26.2 Mount the control elements and wiring accessories on the control panel. 26.3 Practice wiring the control cabinet for local and remote control of induction motor. 26.4 Draw and wire up the control panel for forward/ reverse operation of induction motor. 26.5 Test the control panel for all the required logics. Control panel wiring															
	Indicative Hours	Control panel wirin 166. Preparation of devices. (35 hrs.) 167. Fixing of cable	control				fixing o	f indicat	ting met	ers /Inst	trument	s, Con	ntrol devices	, Protectio	on		
	Maximum Marks (Total	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee		
SI. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.		
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FORMAT FOR INTERNAL ASSESSMENT

Name & Address of the Assessor : Name & Address of ITI (Govt./Pvt.) :												Year of Enrollment :					
				ial Trai Nashik	ning Ins	titute,			Date of Assessment :								
Name & Address of the Industry :				keshwa	r Road,	Satpur MI	DC,		Assessment location : ITI Industry / ITI								
Trad	e Name :	WIREMAN	Examination :I/II II								on of the / course		O YEAR				
Lear	ning Outcome: 26	26. Select, assemble	ble, test and wire-up control panel wiring.														
Subo	ning Outcome: utcome essional Skills (Trade Practical)	26.1 Draw the layout diagram of 3 phase AC motor control cabinet. 26.2 Mount the control elements and wiring accessories on the control panel. 26.3 Practice wiring the control cabinet for local and remote control of induction motor. 26.4 Draw and wire up the control panel for forward/ reverse operation of induction motor. 26.5 Test the control panel for all the required logics. 168. Preventive maintenance and routine tests. (8 hrs.) 169. Fault location and remedy practice both in domestic and industrial wirings. (10 hrs.)															
With	Indicative Hours	169. Fault location a 170. Practice in fixi															
	Maximum Marks (Tota	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee		
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.		
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Name & Address of the Assessor :				Year of Enrol									rollment :August 2018					
Namo	e & Address of ITI (Govt./Pvt.) :			Industrial Training Institute, Satpur, Nashik								Date of Assessment :						
Name & Address of the Industry :				ıkeshwa	r Road,	Satpur MI	DC,		Assessment location : ITI Industry / ITI									
Trade Name : WIREMAN			Satpur Examination : I/II II							Duration of the Trade / course :-TWO YEAR								
Learı	ning Outcome: 27	27. Plan, estimate a	nate and costing of different types of wiring system as per Indian Electricity rule.															
	ning Outcome: utcome	27.1 Prepare layout and wiring diagram of domestic, commercial and industrial installation using IER symbols. 27.2 Record the various electrical wiring accessories available in market with price list and compare it. 27.3 Plan, Estimate and Costing of Domestic wiring as per layout. 27.4 Plan, Estimate and Costing of commercial wiring as per layout. 27.5 Plan, Estimate and Costing of Industrial wiring as per layout. Planning, Estimation and Costing of Wiring-																
	essional Skills (Trade Practical) Indicative Hours	171. Planning and I wiring. (50 hrs.)	72. Estimation and costing of Labour, materials and accessories as per layout. (25 hrs.)															
	Maximum Marks (Tota	l 100 Marks)	15	5	10	5	10	10	5	10	15	15			Trainee			
Sl. No.	Candidate Name	Father's/ Mother's Name	Safety consciousness	Workplace hygiene	Attendance/ Punctuality	Ability to follow Manuals/ Written instructions	Application of Knowledge	Skills to handle tools & equipment	Economical use of materials	Speed in doing work	Quality in workmanship	VIVA	Total internal assessment Marks	Result (Y/N)	Sign.			
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