

M&C Directorate NDT Training Centre

1. Sub: Regular & Refresher Courses on Ultrasonic Testing of **Rails & Rail Welds** - Training Programme for the period January to December 2019.

The training programme for Ultrasonic Testing of Rails & Rail Welds for the period January to December 2019 has been drawn up as under:-

Course	Course No.	Duration	
		From	To
Regular	174	01.04.2019	26.04.2019
	175	08.07.2019	02.08.2019
	176	02.12.2019	27.12.2019
Refresher	148	11.02.2019	15.02.2019
	149	11.03.2019	15.03.2019
	150	20.05.2019	24.05.2019
	151	04.11.2019	08.11.2019

Allotment of seats :

- (a) Regular & Refresher courses :
All Zonal Railways - Two seats each, Metro Rail, Kolkata- one seat.

General Instructions:

1. The candidates must be provided with onward & return journey passes by their Railway. There is no facility of issuing return passes to the participating candidates.
2. Nominations for the course should reach this office at least 10 days in advance from the date of commencement of the course. Nomination should also be sent in mail ID sunita.jaiswara@gmail.com.
3. (i) Minimum qualification for participation in Regular Course. Graduate in Science with Physics from a University or Institution recognized by Central /State Govt/UGC or International Institute/University.

OR

(ii) 3 years regular Diploma in Engg.in Mechanical/Civil/Electronics/Electrical/Metallurgy/Chemical from a University or Institution recognized by Central /State Govt/Technical education board or International Institute/University.

OR

(iii) M.Sc in Chemistry, provided that Physics was one of the subject at ISC/Intermediate/10+2 level.

OR

iv) B.E/B.Tech.in Mechanical/ Civil/ Electronics/ Electrical/ Metallurgical/ Chemical/ I.T/ Computer Science or Engg. from a University or Institution recognised by Central/State Govt/Technical education board or International Institute/University.

4. The following instructions may please be passed to the person nominated:

i) They should report to the NDT Training Centre in M&C Lab Bldg. at 09.30 hrs. on the day of commencement of the training.

ii) Trainees will be provided accommodation for staying in the NDT Hostel situated at Sector C in RDSO Colony, Manak Nagar , Lucknow.

iii) **They should bring two passport size coloured photograph, one Register (Ruled) 1/2 Qr. and interleaved bound exercise book for practical notes (for Regular Course only), pencil, eraser & calculator.**

iv) They should be advised to bring sufficient woolen clothes if the duration of training falls between Nov. to March of the year.

v) A copy of their eligibility qualification duly certified by their Controlling Officer is required to be submitted by the nominated trainees at the time of reporting this office.

vi) There is no separate hostel for lady employees. In case a lady employee is nominated, she will be allotted either an exclusive room to herself or on twin sharing basis with another lady employee in NDT hostel only.

5. In case of training/certification/recertification on payment basis, all concerned shall collect GST invoice from RDSO 15 days in advance from the date of commencement of course. Payment shall only be made through e-payment mode of RDSO Website www.rdsso.indianrailways.gov.in. in Misc. head of M&C Directorate/ RDSO indicating GST invoice details. Candidates shall submit SB collect receipt during reporting for the course.

Note: Candidate should see the website www.rdsso.indianrailways.gov.in. before their departure for an M&C Directorate / NDT Training Centre

2. Sub: Regular & Refresher Courses on Ultrasonic Testing of Axles & Wheels - Training Programme for the period January to December 2019.

The training programme for Ultrasonic Testing of Axles & Wheels for the period January to December 2019 has been drawn up as under:-

Course	Course No.	Duration	
		From	To
Regular	162	07.01.2019	01.02.2019
	163	03.06.2019	28.06.2019
	164	02.09.2019	27.09.2019
Refresher	139	25.02.2019	01.03.2019
	140	06.05.2019	10.05.2019
	141	14.10.2019	18.10.2019
	142	18.11.2019	22.11.2019

Allotment of seats:

- (a) Regular & Refresher courses -Two seats for each Zonal Railway & One seat for each Production Unit & Metro Rail, Kolkata.

General Instructions:

1. **The candidates must be provided with onward & return journey passes by their Railway. There is no facility of issuing return passes to the participating candidates.**
2. **Nominations for the course should reach this office at least 10 days in advance from the date of commencement of the course. Nomination should also be sent in mail ID sunita.jaiswara@gmail.com.**

3. (i) Minimum qualification for participation in Regular Course. Graduate in Science with Physics from a University or Institution recognized by Central /State Govt/UGC or International Institute/University.

OR

(ii) 3 years regular Diploma in Engg.in Mechanical/Civil/Electronics/Electrical/Metallurgy/Chemical from a University or Institution recognized by Central /State Govt/Technical education board or International Institute/University.

OR

(iii) M.Sc in Chemistry, provided that Physics was one of the subject at ISC/Intermediate/10+2 level.

OR

(iv) B.E/B.Tech.in Mechanical/Civil/Electronics/Electrical/Metallurgical/Chemical/I.T/Computer Science or Engg. from a University or Institution recognised by Central/State Govt/Technical education board or International Institute/University.

4. The following instructions may please be passed to the person nominated:

i) They should report to the NDT Training Centre in M&C Lab Bldg. at 09.30 hrs. on the day of commencement of the training.

ii) Trainees will be provided accommodation for staying in the NDT Hostel situated at Sector C in RDSO Colony, Manak Nagar , Lucknow.

iii) **They should bring Two passport size coloured photograph, one Register (Ruled) 1/2 Qr. and interleaved bound exercise book for practical notes (for Regular Course only), pencil, eraser & calculator.**

iv) They should be advised to bring sufficient woolen clothes if the duration of training falls between Nov. to March of the year.

v) A copy of their eligibility qualification duly certified by their Controlling Officer, is required to be submitted by the nominated trainees at the time of reporting this office.

vi) There is no separate hostel for lady employees. In case a lady employee is nominated, she will be allotted either an exclusive room to herself or on twin sharing basis with another lady employee in NDT hostel only.

6. In case of training/certification/recertification on payment basis, all concerned shall collect GST invoice from RDSO 15 days in advance from the date of commencement of course. Payment shall only be made through e-payment mode of RDSO Website www.rdsso.indianrailways.gov.in in Misc. head of M&C Directorate/ RDSO indicating GST invoice details. Candidates shall submit SB collect receipt during reporting for the course.

Note- Candidate should see the website www.rdsso.indianrailways.gov.in before their departure for any change in the training programme.

3. Programme of different courses on UST of rails and rail welds for Private Organizations for the Year 2019

S.No.	Month	Duration	Course
1.	Jan. 2019	01.01.19 – 02.01.19	Certification of Rail (Outsourcing)
2.	Jan. 2019	03.01.19	Recertification of Rail(Outsourcing)
3.	Jan. 2019	04.01.19	Recertification of AT & FB Welds (Outsourcing)
4.	Feb. 2019	18.02.19 – 20.02.19	Orientation Course on UST of AT & FB (Outsourcing)
5.	March 2019	06.03.19 – 07.03.19	Certification of Rail (Outsourcing)
6.	March 2019	08.03.19	Recertification of Rail (Outsourcing)
7.	March 2019	25.03.19 – 29.03.19	Special Course on UST of AT & FB (For operators of thermit portion, manufacturers & other than outsourcing agencies)
8.	May 2019	13.05.19 – 15.05.19	Orientation Course on UST of New Rail (For operators of thermit portion, manufacturers & other than outsourcing agencies)
9.	May 2019	27.05.19	Revalidation of AT & FB (For operators of thermit portion, manufacturers & other than outsourcing agencies)
10.	May 2019	28.05.19	Revalidation of New Rail (For operators of thermit portion, manufacturers & other than outsourcing agencies)
11.	August 2019	05.08.19 – 06.08.19	Certification of Rail(Outsourcing)
12.	August 2019	07.08.19	Recertification of Rail (Outsourcing)
13.	August 2019	08.08.19	Recertification of AT & FB Welds (Outsourcing)
14.	August 2019	19.08.19 – 23.08.19	Course on UST of AT & FB (Only for weld) (Outsourcing)
15.	Oct. 2019	21.10.19 – 23.10.19	Orientation Course on UST of AT & FB (Outsourcing)
16.	Nov. 2019	13.11.19 – 14.11.19	Certification of Rail (Outsourcing)
17.	Nov. 2019	15.11.19	Recertification of Rail (Outsourcing)

Essential Qualification :

1. Special Course on UST of AT & FB welded rail joints:

(a) Minimum qualification for participation in Special Course on UST of AT & FB welded rail joints:

(i) Graduate in Science with Physics from a University or Institution recognized by Central / State Govt. / UGC or International Institute / University.

OR

(ii) 3 Years regular Diploma in Engg. in Mechanical / Civil / Electronics / Electrical / Metallurgy / Chemical from a university or Institution recognized by Central / State Govt. / Technical education board or International Institute / University.

OR

(iii) M.Sc. in Chemistry, provided that Physics was one of the subject at ISC / Intermediate/ 10 + 2 level.

OR

(iv) B.E./B.Tech. in Mechanical / Civil / Electronics / Electrical / Metallurgy / Chemical/ IT /Computer Science or Engg.from a university or Institution recognized by Central / State Govt. / Technical education board or International Institute / University.

(b) This special course on UST of AT & FB welded joints is applicable for operators of Thermit portion manufacturers, contractors for track laying etc., is not related with outsourcing specification “**Indian Railway Standard Specification for Ultrasonic Testing of Rails/Welds, (Provisional), Revised, 2012**”.

2. Courses related with outsourcing of UST of Rails & Rail Welds

Minimum qualification for following courses of outsourcing are as per different clauses of “**Indian Railway Standard Specification for Ultrasonic Testing of Rails/Welds, (Provisional), Revised, 2012**”

(a) Certification of Rail as per clause 7.1.1.2.1 (A).

(b) Orientation course on UST of AT & FB welds as per clause 7.1.1.2.1 (B).

(c) Recertification of rails as per clause 7.1.1.3& 7.1.1.4.

(d) Recertification of AT & FB welds as per clause 7.1.1.3& 7.1.1.4.

General Instructions

1. The candidates have to make their own arrangement for boarding & lodging and scientific calculator for examination.

2. For Certification courses, the trainees are required to bring copy of ASNT UT Level – II, eye certificate in prescribed format, Original & copies of certificates for proof of educational qualification and two passport size coloured photographs with them.
3. For Recertification courses, the trainees are required to bring Original certificate issued earlier, copy of ASNT UT Level –II, experience certificate as applicable, eye certificate
4. in prescribed format, Original & copies of certificates for proof of educational qualification and two passport size coloured photographs with them.
5. In case of training/certification/recertification on payment basis, all concerned shall collect GST invoice from RDSO 15 days in advance from the date of commencement of course. Payment shall only be made through e-payment mode of RDSO Website www.rdso.indianrailways.gov.in. in **Misc. head of M&C Directorate/ RDSO** indicating GST invoice details. Candidates shall submit SB collect receipt during reporting for the course.
6. The list of training charges is enclosed herewith. These charges will be valid upto 31st March, 2019.
7. The minimum five no. of candidates (total) are required to be present for execution of any course.

Note: Candidate should see the website www.rdso.indianrailways.gov.in. before their departure for any change in the training programme.

**4. Sub : Revised Training / Certification Charges including GST.
Ref : Finance & Accounts Dte. Procedure No. 1 of 2017,
Date : 11.05.2017.**

After including GST @ 18%, the revised training charges / Certification charges of NDT Training Centre are given below:

S. No.	Course	Total Charges (up to 05 candidates) Rs.	Total value of charges= {Total Charges (up to 05 candidates) + 18 % GST} Rs.	Charges per additional candidate. Rs.	Total value of charges= {Charges per additional candidate + 18% GST} Rs.
1.	(a) Course for UST of AT & FB welded rail joints/ New rails. (b) Refresher Course on UST of Rails & Rail welds/ Axle & wheels	1,61,960/-	1,91,113/-	32,390/-	38,220/-
2.	Certification of trainees for UST of rails / AT & FB welds (outsourcing)	64,500/-	76,110/-	12,900/-	15,222/-
3.	Revalidation / Recertification of certificates	32,500/-	38,350/-	6,500/-	7,670/-
4.	Regular Course on UST of Rails & Rail welds/ Axle & wheels	6,43,740/-	7,59,613/-	1,28,750/-	1,51,925/-
5.	Orientation Course in UST of AT & FB welds (outsourcing)	97,680/-	1,15,262/-	19,540/-	23,057/-

S. No.	Details of works	Total Charges	Total values of charges = {Total Charges + 18% GST}
6.	Checking & verification of quality Assurance plan (QAP) of agency in connection with outsourcing of USFD testing of Rails/ welds by zonal Railways	Rs 16,200/-	Rs. 19,116/-

Validity – 01.04.2017 to 31.03.2019 (Charges with GST valid from 01.07.2017 to 31.03.2019)