

**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 2020.**

The training programme for Ultrasonic Testing of Rails & Rail Welds for the period January to December 2020 has been drawn up as under:-

Course	Course No.	Duration	
		From	To
Regular	177	02.03.2020	27.03.2020
	178	15.06.2020	10.07.2020
	179	23.11.2020	18.12.2020
Refresher	152	03.02.2020	07.02.2020
	153	13.04.2020	17.04.2020
	154	20.07.2020	24.07.2020
	155	12.10.2020	16.10.2020

**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](mailto: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](http://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](http://www.rdsso.indianrailways.gov.in) before their departure for any change in the training programme.**

**2. Sub: Regular & Refresher Courses on Ultrasonic Testing of Axles & Wheels- Training Programme for the period January to December 2020.**

The training programme for Ultrasonic Testing of Axles & Wheels for the period January to December 2020 has been drawn up as under:-

Course	Course No.	Duration	
		From	To
Regular	165	06.01.2020	31.01.2020
	166	04.05.2020	29.05.2020
	167	31.08.2020	25.09.2020
Refresher	143	17.02.2020	21.02.2020
	144	08.06.2020	12.06.2020
	145	03.08.2020	07.08.2020
	146	02.11.2020	06.11.2020

**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](mailto: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 subjects 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](http://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](http://www.rdsso.indianrailways.gov.in) before their departure for any change in the training programme.**

**3. Sub: Programme of different courses on UST of Rails and Rail Welds for Private Organizations for the Year – 2020**

<b>S.No.</b>	<b>Month</b>	<b>Duration</b>	<b>Course</b>
1.	Feb. 2020	10.02.20 – 11.02.20	Certification of Rail ( <b>Outsourcing</b> )
2.	Feb. 2020	12.02.20	Recertification of Rail ( <b>Outsourcing</b> )
3.	Feb. 2020	13.02.20	Recertification of AT & FB Welds ( <b>Outsourcing</b> )
4.	Feb. 2020	24.02.20 – 26.02.20	Orientation Course on UST of AT & FB Welds ( <b>Outsourcing</b> )
5.	April 2020	20.04.20 – 24.04.20	Special Course on UST of AT & FB Welds ( <b>For operators of thermit portion, manufacturers &amp; other than outsourcing agencies</b> )
6.	April 2020	27.04.20 – 28.04.20	Certification of Rail ( <b>Outsourcing</b> )
7.	April 2020	29.04.20	Recertification of Rail ( <b>Outsourcing</b> )
8.	June 2020	01.06.20 – 03.06.20	Orientation Course on UST of New Rail ( <b>For operators of manufacturers of switches, Points &amp; Crossings etc.</b> )
9.	July 2020	13.07.20	Revalidation of AT & FB Welds ( <b>For operators of thermit portion, manufacturers &amp; other than outsourcing agencies</b> )
10.	July 2020	14.07.20	Revalidation of New Rail ( <b>For operators of manufacturers of switches, Points &amp; Crossings etc.</b> )
11.	Aug. 2020	10.08.20 – 11.08.20	Certification of Rail ( <b>Outsourcing</b> )
12.	Aug. 2020	13.08.20	Recertification of Rail ( <b>Outsourcing</b> )
13.	Aug. 2020	14.08.20	Recertification of AT & FB Welds ( <b>Outsourcing</b> )
14.	Aug. 2020	17.08.20 – 21.08.20	Course on UST of AT & FB Welds ( <b>Only for weld</b> ) ( <b>Outsourcing</b> )
15.	Oct. 2020	05.10.20 – 07.10.20	Orientation Course on UST of AT & FB Welds ( <b>Outsourcing</b> )
16.	Nov. 2020	09.11.20 – 10.11.20	Certification of Rail ( <b>Outsourcing</b> )
17.	Nov. 2020	11.11.20	Recertification of Rail ( <b>Outsourcing</b> )

**Essential Qualification :**

**1. Special Course on UST of AT & FB welded rail joints and Orientation Course on UST of New Rails:**

(a) Minimum qualification for participation in above courses shall be as under:

(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) For above mentioned courses, the trainees are required to bring Original & copies of certificates for proof of educational qualification, two passport size coloured photographs and scientific calculator with them.

(c) For Revalidation of Special Course on UST of AT & FB welded rail joints and Revalidation of Orientation Course on UST of New Rails, the trainees are required to bring their respective copy of the competency certificate, Original & copies of certificates for proof of educational qualification, two passport size coloured photographs and scientific calculator with them.

(d) 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) & clause 7.4.
- (b) Orientation course on UST of AT & FB welds as per clause 7.1.1.2.1 (B) & clause 7.4.
- (c) Recertification of rails as per clause 7.1.1.3, 7.1.1.4 & clause 7.4.
- (d) Recertification of AT & FB welds as per clause 7.1.1.3, 7.1.1.4 & clause 7.4.
- (e) Course on UST of AT & FB Welds (Only for weld) (Outsourcing) as per clause 7.1.1.2.2 & clause 7.4.

### **General Instructions:**

1. The candidates have to make their own arrangement for boarding & lodging and scientific calculator for examination.
2. For Certification course on UST of Rail and Course on UST of AT & FB Welds, the trainees are required to bring copy of ASNT UT Level –II, eye certificate in prescribed format attached as Annexure - I, Original & copies of certificates for proof of educational qualification, two passport size coloured photographs and scientific calculator 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 in prescribed format attached as Annexure - I, Original & copies of certificates for proof of educational qualification, two passport size coloured photographs and scientific calculator with them.
4. For Orientation course, the trainees are required to bring the copy of competency certificate of rail, copy of ASNT UT Level –II, eye certificate in prescribed format attached as Annexure - I, Original & copies of certificates for proof of educational qualification, two passport size coloured photographs and scientific calculator 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.rdsso.indianrailways.gov.in](http://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.

6. The list of training charges is enclosed herewith.
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.rdsso.indianrailways.gov.in](http://www.rdsso.indianrailways.gov.in). before their departure for any change in the training programme.**



**4. Sub : Revised Training / Certification Charges.**

**Ref : Finance & Accounts Dte. Procedure No. 1 of 2019,**

**Date : 14.06.2019.**

<b>S. No.</b>	<b>Course</b>	<b>Duration / Hrs</b>	<b>Total Charges upto 05 candidates (Rs.)</b>	<b>Charges per additional candidate (Rs.)</b>
1.	(a) Course for UST of AT & FB welded rail joints/ New rails. (b) Refresher Course on UST of Rails & Rail welds/ Axle & wheels.	05 days / 40 Hrs	1,29,960/-	25,992/-
2.	Certification of trainees for UST of rails / AT & FB welds (outsourcing)	02 days / 16 Hrs	51,700/-	10,340/-
3.	Revalidation / Recertification of certificates	01 days / 08 Hrs	26,100/-	5,220/-
4.	Regular Course on UST of Rails & Rail welds/ Axle & wheels	20 days / 160 Hrs (along with trainees of zonal Rlys/PUs)	5,15,740/-	1,03,148/-
5.	Orientation Course in UST of AT & FB welds (outsourcing)	03 days / 24 Hrs	78,480/-	15,696/-

**Validity – Till 31.03.2021**

**Note: GST charges will be added as applicable from time to time.**