



The Chartered  
Institute of Logistics  
and Transport



# International Certificate Program

## Rail Siding & Freight Terminal Management

Five Day Program, 30<sup>th</sup> April - 4<sup>th</sup> May 2018,  
CILT-India, New Delhi

## CERTIFICATE PROGRAMME ON RAIL SIDING & FREIGHT TERMINAL MANAGEMENT

### OBJECTIVE

The International Program on Rail Siding & Freight Terminal Management is an intensive 5 day course developed by The Chartered Institute of Logistics and Transport, India (CILT-INDIA). The objective of the program is to provide detailed exposure of activities related to railway sidings and freight terminals.

The course is taught by India's best railway transportation experts and covering virtually every facet of railway operations - from safety to technology, from regulation to finances.

### WHO SHOULD ATTEND

The course is designed for all **managers of railway logistics, transport and supply chain professionals directly or indirectly responsible for planning and operation, management of railway sidings and terminals**. This International Program in Rail Siding & Freight Terminal Management aims to provide education and real-life experience to the next generation of high-potential employees.

The program will be of **great importance for professionals from Operation, Management, Technicians, Commercial, Finance, Safety, Project and Planning, IT working with Electricity Boards, Steel plants, Cement, Chemical & Fertilizer plants, Food grain logistics Container Train Operators, ICDs, Ports, Inland Waterways, Dry Ports, and other industries having an operating or proposed railway siding**

This will be of interest to the neighboring countries as SAARC, ASEAN, who have close trade links with India or have trade facilities for freight movement across the border and the development of OBOR and other Africa-Asia link which would bring opportunities for understanding the operations of terminals & railway sidings.

### PROGRAM COVERAGE

Topic	Coverage
<b>Industry Structure of Freight Transport</b>	<ul style="list-style-type: none"> <li>• Transportation Sector Overview -Modes and how government and private sector influence modes of transportation</li> <li>• Need for transport service and how the various modes meet those needs, factors that drive shipper's decisions on transport.</li> <li>• Fundamentals of Transport Economics</li> <li>• Role of Logistics Manager in providing service</li> <li>• Transport demand, cost to serve, and benefits</li> <li>• Shippers expectations from a service package</li> <li>• Emergence of 3PL</li> </ul>
<b>Regulation</b>	<ul style="list-style-type: none"> <li>• Key trends in rail regulation including key text of Railway Act, common carrier obligations</li> <li>• Rules associated with rating, pricing of freight</li> <li>• Structure of Indian Railways organization</li> </ul>
<b>Siding rules and processes on Railways</b>	<ul style="list-style-type: none"> <li>• Rules of Indian Railways for processing of railway siding &amp; procedure to be followed</li> <li>• Freight terminals</li> <li>• The advantages of having railway sidings</li> </ul>
<b>Development of Siding</b>	<ul style="list-style-type: none"> <li>• Definition of siding, types of sidings</li> <li>• Railway track structure in sidings</li> <li>• Rail, sleepers, ballast, points and crossings, track fittings, curves, level crossings</li> <li>• Electrified sidings</li> <li>• Land acquisition</li> <li>• Loading / Unloading platform</li> </ul>

<b>Maintenance of Siding</b>	<ul style="list-style-type: none"> <li>• Maintenance practices, HSE issues</li> <li>• Track tolerances</li> <li>• Method of inspection</li> <li>• Maintenance Schedule</li> <li>• Staffing practices</li> </ul>
<b>Rolling Stock Management</b>	<ul style="list-style-type: none"> <li>• Considerations for locomotive fleet acquisition and assignment</li> <li>• Haulage power, braking power, rain braking, Fuel consumption of locomotives, methods affecting fuel economy</li> <li>• Types and Nomenclature of railways wagons, Components of wagon, Load dynamics, Batch formation, Assembly of train</li> <li>• Safety issues with wagon movement, BPC, trade-offs associated with safety regulations, Loaded train examination</li> </ul>
<b>Railway Operations Planning</b>	<ul style="list-style-type: none"> <li>• Science of network flows and the impact on railway operations</li> <li>• Techniques for analyzing and predicting network performance</li> <li>• Relationships between line capacity, running time, unanticipated delays and service reliability</li> <li>• Train Composition for different commodities</li> <li>• Planning for siding operations - linking production, storage, packaging and bagging, stacking capacity and loading into wagons</li> <li>• Monitoring movement of rakes, working on FOIS, train codes etc.</li> </ul>
<b>Safety Aspects of Railway Working</b>	<ul style="list-style-type: none"> <li>• Maintain sidings on IR parameter</li> <li>• Significance of safe working</li> <li>• Health, Safety and Environment</li> <li>• Accident Management</li> </ul>
<b>Private Freight Terminal Policy and process</b>	<ul style="list-style-type: none"> <li>• Need for private freight terminal</li> <li>• Policy and procedure of Indian railway for PFT</li> <li>• Viability of having PFT</li> </ul>
<b>Commercial Aspects of Freight Operations</b>	<ul style="list-style-type: none"> <li>• Indenting of Rakes, WRF, Invoicing, RR, rake load, wagon load, 2 point rake</li> <li>• Siding Management Policies of Indian Railways and their charges</li> <li>• Engine on Load System</li> <li>• Wharfage, Demurrage and their waiver</li> <li>• Terminal Management rules, Licensed Commercial Plots etc.</li> <li>• Commercial Claims</li> </ul>
<b>New Policies of Railways</b>	<ul style="list-style-type: none"> <li>• How heavy axles affects siding management</li> <li>• Private Freight Terminals</li> <li>• Special Freight Train Operations</li> <li>• Public Private Partnership opportunities</li> </ul>
<b>Site Visit</b>	<ul style="list-style-type: none"> <li>• Railway Control Office</li> <li>• ICD</li> <li>• Railway Terminal / Logistics Park</li> </ul>

## PROGRAM FACULTY

Some of our faculty members include:

<b>Sanjiv Garg, IRTS</b>	:	Additional Member, Railway Board. Former Chief Operations Manager, Northern Railway
<b>R.B. DAS, IRTS</b>	:	Expert in Railway Operations & IT framework of Indian Railways (IR).
<b>Pramod Uniyal, IRTS</b>	:	Former Additional Member Railway Board & Executive Director, Institute of Rail Transport
<b>Vinod Asthana, IRTS</b>	:	Former Managing Director, CRWC & Railway Consultant
<b>Dr. Veni Mathur</b>	:	Vice Chairman-CILT-India, and Visiting Faculty at IIT, Delhi
<b>Kamlesh Gupta, IRTS</b>	:	Logistics expert & President at Association of Container Train Operations (ACTO)
<b>Harsh Kumar, IRAS</b>	:	Finance Expert & Former Director at National Institute of Financial Management (NIFM)



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## DELEGATE REGISTRATION FORM

### International Certificate Program in Railway Siding and Freight Terminal Management

30<sup>th</sup> April – 4<sup>th</sup> May 2018 | CILT-INDIA Seminar Hall | New Delhi

Venue\_CILT Seminar Hall, 3 Palam Marg, Vasant Vihar, New Delhi\_110057

Prior Registration for this program is mandatory.

Sponsoring Organizations may please fill the details of participants

PARTICIPANT NAME	DESIGNATION	MOBILE NUMBER	EMAIL ID

**NAME OF THE ORGANIZATION:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**PARTICIPATION FEES:**

Category	Fees per Participant
Standard Fees	INR. 40,000 + Applicable GST Rate USD \$900 + Applicable GST Rate
Multiple Nomination Discount	10% discount shall be applicable, in case of 3 or more nomination from the same organization
Membership Discount	15% discount for CILT Members

**Note 1:** The course fee includes Course Kit, Course Material, Training Handouts, Training Delivery, Industrial Visit, 2 Tea Breaks and Lunch per day and valedictory at the end of training with participation certificate.

**Note 2: Accommodation-**Should the participant require any accommodation, please contact CILT India Secretariat. We shall assist in getting suitable accommodation on direct payment basis to the Hotel / Guest House.

Payments can be made by cheques / DD favoring “**CILT INDIA**” payable at New Delhi or through RTGS at State Bank of India, Rail Bhawan, **Account Number** :10211844226, **IFSC Code**: SBIN0003771.

Please note, our **GST Number-** 07AABAT7910J1ZC and **PAN Number-**AABAT7910J

**AMOUNT (IN WORDS): RUPEES** \_\_\_\_\_

**CHEQUE / DD / ECS NUMBER:** \_\_\_\_\_

**NAME OF BANK:** \_\_\_\_\_

**(SIGNATURE)**

**PHONE NUMBER:**

**NAME:**

**EMAIL ID:**

**The Chartered Institute of Logistics and Transport – INDIA Headquarters**

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