

# Assembly Line Supervisor

**Aliases:** Assembly Line Manager

**Industry/Sector(s):** Automotive

## JOB DESCRIPTION <sup>1</sup>

The tasks an Assembly Line Supervisor is expected to perform include:

- Supervising the Assembly Line Fitters for the assembly of electrical and mechanical components used in the automotive industry/assembly of vehicles in the production line
- Guiding Operators and Technicians in the completion of assigned tasks
- Maintaining records related to production, rejections, material movement and manpower productivity for a line/shift
- Maintaining a safe and healthy working environment on the shop floor

## WORK ENVIRONMENT <sup>6, 1</sup>

- It is not a desk job
- May need to handle a team
- Local travelling is not a part of this job role
- Part-time work and contractual jobs are not available
- Work from home option is not available

### Working hours

- Organizations usually work for 5/6 days a week for 8/9 hours everyday. This may vary from organization to organization
- Shift system is available
- Overtime may be required

### Is the job suitable for a candidate with special needs?

*This may vary from organization to organization*

## HEALTH AND SAFETY REQUIREMENTS/RISKS <sup>5</sup>

- One may develop occupational hazards like injuries, shoulder pain, back ache, etc.
- Health risks include exposure to sharp equipment etc.

## EDUCATIONAL QUALIFICATIONS AND TRAINING <sup>1</sup>

- Preferably, ITI Mechanical
- Certified training for Assembly Line Supervisor (programme aligned to ASC / Q 3602 released by Automotive Skills Development Council)

## KEY COMPETENCIES <sup>1</sup>

- Knowledge of the different types of assembling processes and component storage process (kitting)
- Knowledge of the different equipment and components used in the assembly process like bolts, nuts, screws, wires, etc.
- Proficiency in operating the equipment both in automatic and manual mode
- Knowledge of various problem solving tools like 7QC, Why Analysis, Brain Storming, etc.
- Proficiency in reading and interpreting torqueing charts and usage of torque metres
- Familiarity with the impact of various assembly processes like bolting, torqueing, tightening, fitting, greasing, hammering, sealing, clamping on the final component, etc.
- Knowledge of the methods of reading and interpreting the various gauges, metres, graphs, dials, etc.
- Proficiency in visualizing the final product output and conducting quality verification tests
- Familiarity with engineering drawings, sketches, control plan and work instructions in the plant
- Knowledge of the metallurgical and chemical properties of the material involved

## DESIRABLE COMPETENCIES <sup>1</sup>

- Training in the latest assembly tools and techniques, 5S and safety aspects, problem-solving techniques, quality management systems, team management skills, IT and ERP awareness
- Good communication skills
- Problem-solving skills
- Analytical skills

## PERSONALITY TRAITS <sup>1</sup>

- Eye for detail
- Good communication skills
- Problem-solving skills
- Analytical skills

## AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES

- IT's across India
- Amity University  
<http://www.amity.edu/amity-insitutions.aspx>
- Nitte Meenakshi Institute of Technology (NMIT)  
<http://www.nmit.ac.in/>

## AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS

For scholarship and schemes, use further links like:

- <https://scholarships.gov.in/main.do>

## SAMPLE OF TRAINING AND LEARNING COURSES

[http://dget.nic.in/upload/uploadfiles/files/SYL\\_Mechanic\\_Motor\\_vehicle\\_08\\_06\\_14\(2\).pdf](http://dget.nic.in/upload/uploadfiles/files/SYL_Mechanic_Motor_vehicle_08_06_14(2).pdf)

## CAREER PROGRESSION PATH <sup>7</sup>

Assembly Line Machine Setter → **Assembly Line Supervisor** → Plant Manager

*The progression is indicative*

### Transfer option

- India: Yes

- Abroad: Yes

*(\*This field to open the relevant job title when clicked)*

## EXPECTED EARNINGS <sup>5</sup>

- For new entrants - Rs 25,000 to Rs 40,000 per month

- For candidates with experience –Rs 40,000 to Rs 70,000 per month

*These figures are indicative and subject to change*

## REQUIRED WORK EXPERIENCE <sup>1</sup>

- Generally, 10 - 12 years of Assembly experience is required for candidates with ITI backgrounds

- Generally, 2 - 3 years of experience is required for candidates with diploma backgrounds

## CURRENT MARKET TRENDS <sup>3</sup>

### **Growth and Development in the Automotive Sector in India**

Indian automotive industry holds a prestigious position in the world. It is one of the largest auto sectors in the world and in the year 2014-15, about 31% of the small cars sold in the world were manufactured in India. Growing middle class and a rise in the number of youth are the primary reasons why the automotive sector enjoys such a privileged position. India is also one of the prime auto exporters in the world and this segment is expected to grow even further in the next 4-5 years.

Foreign Direct Investment (FDI) is another reason for this sector to blossom the way it has. Many multinational and Indian companies have invested heavily, which has given this sector the boost it needed. Honda Motorcycle and Scooter India (HMSI) have jointly opened their fourth and the largest scooter plant in the world in Gujarat. Ford is going to introduce Ford Mustang in India in 2016. Nissan Motor Co. is in the process of tying up with the Government to introduce hybrid, technologically advanced, electric cars in India. General Motors, Chrysler, and many well-known players are going to invest in the automotive sector in India. Mercedes Benz has doubled its India assembly capacity. Bayerische Motoren Werke's (BMW) local unit is going to start sourcing for parts from India-based companies.

The Government has also been working constantly to encourage growth and development in this sector. Government has allowed 100% FDI under the automatic route. A separate Department of Transport is being set-up to deal with sector-specific issues. To increase tractor sales in India, Government is providing credits to farmers. Government is also promoting the use and sale of hybrid, eco-friendly, CNG-operated cars to help curb pollution. National Electric Mobility Mission 2020 is created to encourage introduction and eventual transition to eco-friendly, reliable, affordable, and efficient hybrid and electric cars in the country. Experts are predicting that by 2026 this sector will generate 65 million additional jobs in India.

## PROBABLE EMPLOYERS <sup>1</sup>

- Automobile companies
- Auto component companies across India

## JOB OPPORTUNITIES IN INDIA

Maharashtra, Tamil Nadu, Karnataka, Madhya Pradesh, Uttar Pradesh and other metro cities across India

## PEOPLE'S CORNER

Coming Soon

## KEYWORDS

- Assembly Line Machine Operator
- Assembly Line Worker
- Assembler
- Machine Operator
- Assembly Operator

## OCCUPATIONAL CODES AND STANDARDS

Standard	Code	Description
NCO 2015	3122.0601	Assembly Line Supervisor
ISCO 2008	3122	Manufacturing Supervisors
NIC 2008	29301, 29302	Manufacture of diverse parts and accessories for motor vehicles such as brakes, gearboxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, catalysers, clutches, steering wheels, steering columns and steering boxes etc. Manufacture of parts and accessories of bodies for motor vehicles such as safety belts, airbags, doors, bumpers
QP Reference	ASC/Q3602	Assembly Line Supervisor
NSQF	5	Not Available

## REFERENCES

1	<a href="http://www.nsdcindia.org/sites/default/files/files/Assembly-line-Supervisor-Level5.pdf">www.nsdcindia.org/sites/default/files/files/Assembly-line-Supervisor-Level5.pdf</a>
2	<a href="http://www.pwc.in/en_IN/in/assets/pdfs/publications/2013/automobiles-the-economic-outlook-and-employment-situation.pdf">http://www.pwc.in/en_IN/in/assets/pdfs/publications/2013/automobiles-the-economic-outlook-and-employment-situation.pdf</a>
3	<a href="http://www.ibef.org/industry/india-automobiles.aspx">http://www.ibef.org/industry/india-automobiles.aspx</a>
4	<a href="http://www.censusindia.gov.in">www.censusindia.gov.in</a>
5	<a href="http://www.payscale.com/research/IN/Job=Assembly_Line_Manager/Salary">http://www.payscale.com/research/IN/Job=Assembly_Line_Manager/Salary</a>
6	<a href="http://socialjustice.nic.in/policiesacts3.php">http://socialjustice.nic.in/policiesacts3.php</a>
7	<a href="http://www.dget.nic.in/upload/uploadfiles/files/publication/Des-Div-3.pdf">http://www.dget.nic.in/upload/uploadfiles/files/publication/Des-Div-3.pdf</a>