

# Chief Engineer, Ship

**Aliases:** Chief Engine Officer

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

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

The tasks a Chief Engineer, Ship is expected to perform include:

- Ensuring safe and economic running of all the engines, boilers, electrical, refrigerating and sanitary equipment, deck machinery and steam connections aboard ship
- Directing and controlling work and conduct of engine room crew of vessel
- Keeping a log of performance of engines and equipment on voyage
- Supervising repairs and overhauling of the engines and accessories
- Looking after fuelling of ship
- Ensuring proper storage and maintenance of all the engine room stores
- Undertaking repair work in case of breakdown

## WORK ENVIRONMENT <sup>1, 2</sup>

- It requires physical activity
- Need to handle a team
- Local travelling is a part of this job
- Part-time work and contractual jobs are not available
- Work from home option is not available

### Working hours

- Flexible working hours and days
- Shift system may be available
- Overtime may be required

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

*This may vary from organization to organization*

## EDUCATIONAL QUALIFICATIONS AND TRAINING <sup>3</sup>

Preferably, B.E in marine engineering

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

- Familiar with implementation of company safety and environment protection policy
- Ability to hold safety meetings, emergency drills and training on board
- Familiar with implementation of various safety checklists, plans, procedures related to safety of ship and pollution prevention
- Ability to conduct various contingency drills
- Knowledge of maintenance of ships and its machinery in accordance with procedures established by the company
- Ability to make sure that inspections are held at appropriate intervals and same are documented
- Ability to maintain records of inspections and maintenance on board
- Knowledge of how to raise and report any defect detected, analysis of such defects and take corrective actions
- Well-versed in controlling and monitoring of spares and stores
- Knowledge of testing and maintenance of standby and critical system and equipment that are not in continuous use
- Ability to successfully carry out internal and external audit
- Ability to discuss results of audit within his/her department

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

- Good communication skills
- Result-oriented

## AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES

Colleges providing marine engineering degree across India

## AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS

## SAMPLE OF TRAINING AND LEARNING COURSES

## CAREER PROGRESSION PATH <sup>3, 4</sup>

Movement to other occupations/industries



**Chief Engineer, Ship**



Second Engineer



Third Engineer

*The progression is indicative*

## EXPECTED EARNINGS <sup>3</sup>

•For candidates with experience - Rs 5,00,000 to Rs 6,00,000 per month

*These figures are indicative and subject to change*

## REQUIRED WORK EXPERIENCE <sup>3</sup>

Generally, a person needs to be a Second Engineer and give the required exam to qualify as a Chief Engineer

## PROBABLE EMPLOYERS <sup>3</sup>

- Indian Navy
- Shipping companies
- Cruise liners

## KEYWORDS

- Chief Engineer
- Chief Engine Officer

## OCCUPATIONAL CODES AND STANDARDS

| Standard     | Code          | Description  |
|--------------|---------------|--|
| NCO 2015     | 3151.0100     | Chief Engineer, Ship                                 |
| ISCO 2008    | 3151          | Ship's Engineers                                     |
| NIC 2008     | 33150         | Repair of transport equipment, except motor vehicles |
| QP Reference | Not available | Not available  |
| NSQF         | Not available | Not available  |

## REFERENCES

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