



**Consolidated Construction Consortium Ltd.**

DOC NO. : CCCL/HSE/005

**REGISTER OF REGULATIONS**

Rev 6

Date: 05.05.2013

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# REGISTER OF REGULATIONS

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## **LEGAL REQUIREMENT ON HEALTH, SAFETY AND ENVIRONMENT**

(Last updated 05 May 2013)

The list of Acts / Rules

1. **The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996**
2. **The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Central Rules, 1998**
- 2a. **The Tamil Nadu Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Rules, 2006**
- 2b. **The Karnataka Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Rules, 2006 and (Amendment) Rules, 2009**
- 2c. **The Maharashtra Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Rules, 2007**
- 2d. **The A.P. Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Rules, 1999**
- 2e. **The Kerala Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Rules, 1998**
- 2f. **The Delhi Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Rules, 2002**
- 2g. **The Haryana Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Rules, 2005**
3. **Explosives Act, 1884**
4. **Explosives Rules, 2008**
5. **Gas Cylinders Rules, 2004**
6. **The Petroleum Act, 1934**
7. **Petroleum Rules, 1976**
8. **Environmental (Protection) Act, 1986 and Amendment 2009**
  - 8a. *Air Act 1981, Amended 1987 and Rules 1983, Control measures for noise pollution from stationary DG sets Gazette notification dated 2<sup>nd</sup> January 1999*
  - 8b. *Water (Amendment) Act 1988 and Rules 1975*

- 8c. Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2010**
- 8d. The Batteries (Management and Handling) Rules, 2010**
- 8e. The Recycled Plastics Manufacture and Usage (Amendment) Rules, 2003**
- 8f. Bio-Medical Waste (Management and Handling) (Amendment) Rules, 2003**
- 8g. Noise Pollution (Regulation and Control) Rules, 2000**
- 8h. Municipal Solid Wastes (Management and Handling) Rules, 2000**
- 8i. Plastic Waste (Management and Handling) Rules, 2011**
- 8j. E-waste (Management & Handling) Rules, 2011**
- 8k. The Ozone Depleting Substances (Regulation and Control) Rules, 2003**
  
- 9. Environment (Protection) Rules 1986**
- 10. Environment (Protection) Amendment Rules 2009 and 2010**
- 11. The Motor Vehicles (Amendment) Act, 2007**
- 12. The Electricity Act 2003 and (Amendment) 2007**
- 13. The Electricity Rules 2005**
- 14. Contract Labour (Regulation and Abolition) Act 1970**
- 15. Contract Labour (Regulation and Abolition) Rules, 1971**
- 16. Requirements as stipulated by Chief Inspector of Factories (CIF of the respective state)**
- 17. Factories Act 1948, Amendment 2010**
- 18. Shops and Establishment (Tamilnadu) Rules, 1948**
- 19. Revised National Ambient Air Quality Standards (NAAQS), 2009**
- 20. Special requirements of the client/ owner, if any.**

**NOTE: This compilation is made to facilitate the regulatory requirements to be known to Project Personnel / Safety Personnel as a single point reference. This is not to be treated as 'total or comprehensive'.**

**1. The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996**

Section	Title	Requirement of the act	Forms / Schedule	CCCL Formats	Tenure / period	Other Conditions	Responsibility	Status/ Remarks
7	Certification of Registration or labour license	To apply and obtain certificate of registration	Form - I Rule 23	---	Project Duration	--	PC / PM	
15	Register of beneficiaries	Maintenance of registers and records with particulars of building workers	Form XV Rule 240	--	Project Duration Later send to RO	--	PM / Site Admin	
31	Medical Examinations	Not to employ Person who is deaf or has defective vision or has tendency to giddiness from work in any operation involving risk of accident	Form Xi Rule 223 (c)	<a href="#">CSF-005</a>	Prior to employment And periodically	--	HR / PM / SE	
36	First-Aid Box	First aid facilities to be provided	Schedule III Rule 231(5)	<a href="#">CSF-008</a> , locations of first aid boxes	Project Duration	- Contents of first-aid box (FAB) as per Schedule III and locations of 'FAB' as per <a href="#">CSF-008</a>	PM / SE	
38	Safety Committee and safety officer	safety committee to be constituted and a safety officer to be appointed	--	--	Project Duration	Site safety committees if 500 or more workers are employed. Safety officer if 500 or more Workers are employed	HR / PM	
39	Notice of certain accidents	Accidents causing death or bodily injury resulting in absence of work for more than 48 hours to be notified. The Fatal or serious injuries must be notified immediately.	Form XIV Rule 210(7)	<a href="#">CSF-012</a>	--	--	PM / SE	
46	Notice of Construction work	Notice of commencement of building or other construction work to be submitted at least thirty days before commencement of work	Form IV Rule 26(3) and 239(1)	--	--	--	PM (CCCL)/ Client	

**2. The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Central Rules, 1998**

Rule	Title	Requirement	Forms / Schedule	CCCL Formats	Tenure	Other conditions	Responsibility	Status / Remarks
5	Compliance	Comply with provisions of this act in erecting / altering any scaffold ; erecting / installing / working on any plant or equipment	--	--	Project duration	--	PM / SE Sub-contractors	
5	Compliance	Not to allow lifting appliance, lifting gear, vehicles etc; which do not comply with the provisions given in these rules.	--	--	Project duration	--	PM / SE Sub-contractors	

34	Excessive noise, vibration etc	To protect workers against the harmful effects of excessive noise or vibration	Schedule-VI	---	During the work period	For 8 hrs exposure - 90 dBA, For 15 minutes -115dBA (max)	PM / SE Sub-Contractors	
35	Fire Protection	To provide and maintain sufficient fire extinguishing equipment	--	<a href="#">CSF-009</a> Location of fire extinguishers	Project Duration	trained persons to operate the fire extinguishing equipment	PM / SE	
36	Emergency action plans	Site emergency action plan to be prepared to handle the emergencies	--	--	Prior to start and revise periodically	--	PM / SE	
37	Fencing of motors	Dangerous and moving parts of machinery are to be securely fenced or Guarded	--	--	--	--	PE / P&M/SE Sub-contractors	
38	Lifting and carrying of excessive weight	No building worker lifts by hand or carries over head or over his back or shoulders any material of excess weight	--	--	--	Adult man - 55 Kg, Adult woman - 30 Kg, Adolescent man - 30 Kg. Adolescent – female - 20 Kg.	All Construction Engineers / Supervisors Sub-contractors	
39	Health and Safety Policy	Establishments to prepare a written statement of policy in respect of safety and health of workers	--	--	--	Sites to display HSE policy and maintain	PM / SE	
40.b)	Confined space work	To remove dust, fumes, other impurities and dangerous gases and is to be certified by a responsible person prior to allowing entry into any confined space.	--	Permit-to-work As in 'safety Procedures'	--	--	PM / SE	
47	Protection against Electrical hazards	-measures to prevent physical contact with live electrical circuits -all temporary electrical installations are provided with ELCBs (earth leakage circuit breakers)	--			--	PM / P&M / SE	
54	Use of safety helmets	To ensure that all persons performing any work shall wear safety helmets	--			Records of inventory & issue of PPE to be maintained	PC / PM / SE	
64	Operation of lifting appliances	To ensure that every crane driver/ lifting operator posses adequate skill and training and is 18 years or more of age.	--	--	--	--	PM / PE / P&M Sub-contractor	
74	Register of test / examination	Register to be maintained and particulars of test and examination of lifting appliances, lifting gears and heat treatment are entered.	Form XXVI	--	--	Records to be maintained	P&M / SE	
108	Demolition	- To inform concerned department of the appropriate Government or local authority and obtain permission prior to start of work -to ensure that adjacent buildings / structures are protected	--	--	--		PM / PE	
178	Safety belt and its use	For work at height- Workers to be supplied with safety belt and safety lifelines - Workers are given necessary instructions in the safe use and maintenance prior to start of work	--	--		Records of inventory & issue of Safety Belt to be maintained	PM / PE / SE Sub-contractor	

188	Scaffolds	- Scaffold is to be erected, added, altered or dismantled only under the supervision of a responsible person. - To prevent any worker, working on a scaffold, from coming in contact with the electric wires or dangerous equipment.	--	--	--	--	PM / PE / SE Sub-contractor	
209	Safety officer	Where 500 or more building workers are employed a safety officer to be appointed. Such safety officer may be assisted by suitable and adequate staff.	schedule-VIII	--	--	--	Head, HSE to appoint Safety Officer, PM to provide facilities.	
210	Reporting of accidents	Any accident causing loss of life or disables a working for the period of 48 hours or more to be notified immediately.	Form-XIV	<a href="#">CSF-012</a>	--	--	PM to notify	
210(5)	Dangerous occurrences	Collapse or failure of lifting appliances or hoist or conveyors or other similar equipments, explosion of vessels, fire and explosion, spillage or leakage of hazardous substances to be reported immediately.	Form-XIV	<a href="#">CSF-012</a>	--	--	PM to notify	
230	Notice of poisoning or occupational diseases	Any disease specified in Schedule II is contracted by a worker, a notice in Form XIII to be sent to the Inspector, Welfare Board and Director General of Inspection	Schedule II Form XIII	<a href="#">CSF-015</a>	As and when reported	--	PM / PE / SE	

### 3. Explosives Act,1884

<i>Rule</i>	<i>Title</i>	<i>Requirement</i>	<i>Forms / Schedule</i>	<i>CCCL Formats</i>	<i>Tenure</i>	<i>Other conditions</i>	<i>Responsibility</i>	<i>Status / Remarks</i>
8	Notice of accidents	Any accident involving explosives / explosive substances with loss of human life or serious injury to person or property to be reported to Chief Controller of Explosives(NAGPUR) and Officer in charge of the nearest police station Immediately	--	<a href="#">CSF-012</a>	--	--	PM / SE	

### 4 Explosives Rules, 2008

<i>Rule</i>	<i>Title</i>	<i>Requirement</i>	<i>Forms / Schedule</i>	<i>CCCL Formats</i>	<i>Tenure</i>	<i>Other conditions</i>	<i>Responsibility</i>	<i>Status / Remarks</i>
10 (5)	Restriction on handling of explosives after sunset	No person shall handle or cause to be handled any explosive between the hours of sunset and sunrise.	--	--	--	Unless proper illumination is provided in the area and the place is guarded.	PM / PE / SE	
10 (6)	Restriction on smoking and articles likely to cause fire or dangerous substance	No person shall smoke and no fires, lights or articles or substance of a flammable nature or liable to spontaneous ignition, or act to cause or communicate fire or explosion. No use of cell phone or radio.	--	--	--	Communication device can be operated beyond 15m distance from explosive storage or handling area.	PM / PE / SE	

11	License to possess, handle explosives	Competent person having license / experience to be present and to conduct the operations in accordance with these rules.	--	--	--	To verify that sub contractor / vendor has license	PM / PE / SE	
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#### 5. Gas Cylinders Rules, 2004

Rule	Title	Requirement	Forms / Schedule	CCCL Formats	Tenure	Other conditions	Responsibility	Status / Remarks
18	Handling and use.	Cylinders to be adequately supported during handling - Trolleys and cradles of adequate strength to be used when moving the cylinders. LPG cylinders and cylinders containing liquefiable gases shall be kept in an upright position and secured.	--	--	--	--	Sub-contractor Stores in charge PE / SE	
20	Storage of cylinders	- Cylinders to be stored in a cool, dry, well ventilated place under cover, away from boilers, open flames, steam pipes or any potential Source of heat. - Cylinder containing flammable gases not to be stored along with any combustible material.	--	--	--		Stores in charge PE / SE	
74	Notice of accidents:	Notice of accident involving compressed gas cylinder to be given to Chief controller of explosives and to the Officer In-charge of nearest Police station immediately.	--	<a href="#">CSF-012</a>	--		PM / SE	

#### 6. The Petroleum Act, 1934

Definitions:

Petroleum class A means petroleum having a flash point below 23<sup>0</sup>C.

Petroleum class B means petroleum having a flash point of 23<sup>0</sup>C and above but below 65<sup>0</sup>C.

Petroleum class C means petroleum having a flash point of 65<sup>0</sup>C and above but below 93<sup>0</sup>C.

Note: No license needed for transport or storage of

Class A: Not exceeding 30 Liters.

Class B: Quantity not exceeding 2500 Liters. (Contained in a receptacle not exceeding 1000 Liters)

Class C: Quantity not exceeding 45,000 Liters.

Rule	Title	Requirement	Forms / Schedule	CCCL Formats	Tenure	Other conditions	Responsibility	Status / Remarks
27	Notice of accident	To be given to the nearest Magistrate or officer in charge of the nearest Police Stations and Chief Controller of Explosives.	--	<a href="#">CSF-012</a>	As early as possible	--	PM / SE	

#### 7. Petroleum Rules, 1976

Rule	Title	Requirement	Forms / Schedule	CCCL Formats	Tenure	Others conditions	Responsibility	Status / Remarks
4	Approval of containers	Containers exceeding 1 liters in capacity for petroleum class	--	--	--	--	Sub-contractor	





**9. The Motor Vehicles (Amendment) Act, 2007**

<b>Section</b>	<b>Title</b>	<b>Requirement</b>	<b>Forms / schedule</b>	<b>Formats</b>	<b>Tenure</b>	<b>Other conditions</b>	<b>Responsibility</b>	<b>Remarks / Status</b>
3	Driving license & PUC	Person to hold valid driving license to drive any motor vehicle and Emission Certificate updated every 6 months				License required even inside a project site	Sub contractors PM / PE / SE	
6	Restriction on holding license	Holder not to permit the license to be used by any other person				Misuse of license by others is not to be permitted	Sub contractors PM / PE / SE	
10 (2)	Class of vehicle	Holder of license is eligible to drive only the class of vehicle for which license is given				Holder of light motor vehicle driving license should not drive a transport vehicle and vice versa	Sub contractors PM / PE / SE	
39	Registration	-Motor vehicles shall be registered -If any vehicle registered in one state is to be used in another state, NOC shall be obtained from the RTA of the state where the vehicle was registered and to be registered locally -The taxes for hired vehicles and company owned vehicles shall be paid as per the local requirements				Not to permit any one driving vehicles which are not registered	Sub contractors PM / PE / SE	

**10. The Indian Electricity Act, 2003 and (Amendment) 2007**

<b>Section</b>	<b>Title</b>	<b>Requirement</b>	<b>Forms / schedule</b>	<b>Formats</b>	<b>Tenure</b>	<b>Other conditions</b>	<b>Responsibility</b>	<b>Remarks / Status</b>
18 & 29	Overhead lines along or across any street, railway, tramway, canal or waterway	To obtain written permission from State Government prior to start of work	--	--	--		Client / PM / P&M	
33	Notice of accidents to Electrical inspector	Report of loss of human life or animal life or injury due to power supply	--	--	--		PM / P&M / SE	

**11. Requirements as stipulated by CIF of the State**

<b>Section</b>	<b>Title</b>	<b>Requirement</b>	<b>Forms / schedule</b>	<b>Formats</b>	<b>Tenure</b>	<b>Other conditions</b>	<b>Responsibility</b>	<b>Remarks / Status</b>

**12. Special requirements of the client / Owner, if any**

<b>Section</b>	<b>Title</b>	<b>Requirement</b>	<b>Forms / schedule</b>	<b>Formats</b>	<b>Tenure</b>	<b>Other conditions</b>	<b>Responsibility</b>	<b>Remarks / Status</b>

PM – Project Manager, PE – Project Engineer, SE – Safety Engineer