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Central Electricity Authority  
Regional Inspectorial Organisation (West)  
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Dated: 25 OCT 2019

To  
The Chief Engineer,  
Electrical Inspectorial Division,  
Central Electricity Authority,  
3<sup>rd</sup> Floor, NRPC Building,  
Katwaria sarai,  
New Delhi - 110 016

**Sub: Report on Electrical Safety Awareness Programme held on 21.10.2019 at M/s Goa Shipyard Ltd., Vasco, Goa - reg**

Sir,

An Electrical Safety Awareness Programme was organized by this office on 21.10.2019 at M/s Goa Shipyard Ltd., Vasco, Goa. The report of the same is enclosed herewith for your kind information please.

(L.K.S Rathore)  
Director/SE

For Chief Electrical Inspector  
to the Govt. of India

Encl: As above

**Report on the Electrical Safety Awareness Programme**  
**on 21.10.2019 at M/s Goa Shipyard Limited, Vasco Goa**

**BACKGROUND:**

Power sector is achieving its great successes day by day. The Generation, transmission and distribution infrastructure is expanding vigorously. Since, electricity is hazardous, with greater reach of electricity to common people; risk of their exposure to electrical accidents has increased. It has been observed that a higher percentage of the fatality occurs due to the electrical accidents in the low voltage level i.e 33KV and below which is very close to the common public.

As per the directions of CEI Division, RIO's has been conducting awareness generation campaign in various cities/Industries etc for the last three years. On Inspection of the recent electrical accident happened at M/s Goa Shipyard Ltd, the Director (operations) GSL requested Director, RIO (W) to conduct an electrical safety awareness programme at M/s GSL, Goa. Accordingly, electrical safety awareness programme was organised jointly by RIO (W), CEA & M/s GSL at Goa on 21/10/19.

**Inviting Dignitaries:**

RIO (W), CEA, Mumbai has understood the importance of the awareness program and given paramount priority to the programme. Utmost importance was taken in inviting Chief Guest and special guests to the event as their presence certainly influences and enhances the attention of the participants which further accomplishes the purpose of the programme. RIO (W), CEA, Mumbai along with M/s GSL, Goa cordially invited the Shri. Nilesh Cabral, Minister of Power, Goa and other dignitaries from the Goa state.

**Nomination of Participants/Invitations to Speakers:**

It was felt that participation from various Utilities/organizations, local bodies etc. were very much important in order to achieve the intention of the programme. RIO (W), CEA, Mumbai invited participants from Electricity Department Goa; Central PSUs (PGCIL, IOCL, BPCL and HPCL), Goa Electrical Inspector and participants from M/s GSL Goa. A total of 85 nos. of participants were expected for the workshop.

As per the scheduled programme of the topics on Electrical safety, invitation letters to speaker from PGCIL had been sent by RIO(W), CEA, Mumbai. Two sessions from RIO (W) and one session from M/s GSL and one session by PGCIL were also arranged.

**Schedule of Programme**

***Registration:***

Registration started at 09.15 Hrs, M/s GSL has made all the arrangements for registration that includes distribution of a welcome kit consisting of schedule of the

program, scribbling pad, pen. The number of participants registered for the workshop was 85.

### **Inauguration session:**

Inaugural session started as scheduled after arrival of respected Chief Guest Shri. Nilesh Cabral, Minister of Power, Goa. The other guests who were honoured on the dias are as below:

1. Shri. B.B Nagpal, CMD, M/s GSL
2. Shri. L.K.S Rathore, Director, RIO(W),CEA
3. Shri. S.J Kamath, Director(Operations), M/s GSL



The inauguration session was started by welcoming the dignitaries on the dais with a bouquet of flowers.





Subsequently the tradition of lighting the lamp (Jyoti Prajwalana) by honourable Chief Guest followed by other guests on the stage was followed. General Manager, M/s PGCIL and Director (Finance), M/s GSL also joined them.



Welcome Address was made by Sh. L.K.S Rathore, Director, RIO(W),CEA Mumbai. He briefed the role of CEA in framing the regulations & policies in Indian power sector & the efforts made by Chief Electrical Inspectorate division, CEA in bringing out the latest amendments in “Measures relating to safety & Electric supply” 2010 in co-ordination with all the stakeholders. He told that CEI Div, CEA drives the Awareness on Electrical safety programme on Pan-India basis and assigned the regional Office to spread the awareness of Electrical Safety in their respective region. He mentioned about the efforts of CEA in bringing awareness on electrical safety at Metropolitan cities so far & emphasized the necessity of awareness generation programmes at different cities. He further informed that the main reasons of electrical accidents are :-Old Installations, Poor workmanship, Design and use of substandard material ( Commercial compromise), Improper maintenance, Attitude (Chalta hai, overconfidence, casual approach). He requested all concerns to bringing the awareness to towns, tehsil & villages. He thanked Shri Ravinder Gupta CEI, CEA and Chairman CEA for allowing to conduct this program. He also thanked to the Power Minister Goa for attending the inaugural session despite of his busy schedule. All the special Guests have appreciated the efforts of CEA initiation and explained the necessity of Electrical safety.



Shri. L.K.S Rathore, Director RIO(W)

Shri. B.B Nagpal, CMD, M/s GSL thanked CEA for this initiative, explained the need of Electrical safety. He stated that M/s GSL always strives towards safe working practices for its employees. He stressed on use of technology to minimise the electrical accidents. He further told that the safety should be prime concern of individual as well as organisation as a whole.



Shri. B.B Nagpal, CMD, M/s GSL

There after Shri Nilesh Cabral, Minister of Power, Goa addressed the audience and safety is the common sense and it shall become habit in our daily life. Keeping Electrical Safety shall become the lifestyle. He also stressed on use of green energy on domestic as well as industrial load. He informed about Government of Goa schemes for the implementation of solar & other renewable sources, role of GEDA etc. He highlighted the importance of conducting such awareness programs & appreciated the efforts of CEA in this regard



Shri. Nilesh Cabral, Minister of Power, Goa

Inaugurating session came to an end with the felicitation to dignitaries followed by a Tea break.



## Technical Sessions:

Technical session started at 11:00 hours. Presentations were started after inauguration session. Total 4 Technical presentations were divided in to 2 sessions(pre lunch sessions & post lunch session).

Session –I		
S.No	Speaker/Presenter	Topic
1	Shri. Karthik Vagicharla, Asst Director, RIO(W), CEA	CEA Safety – Act & Regulations
2	Shri. Sachin K Bhise, Deputy Director, RIO(W), CEA	Electrical Accident Statistics & Analysis, Issues and Challenges
3	Shri. Purushottam Bhat, Senior Manager, M/s GSL	Safety at Workplace while handling electricity

Session –II		
S.No	Speaker/Presenter	Topic
1	Shri. Kuleswar Shahu GM, PGCIL	Safety Practices of EHV Substations and Transmission Line

All the speakers were honoured with mementos for their valuable presentations/speech that enriched the knowledge of the participants who attended the programme.

### **Media Coverage:**

To bring the wide publicity in the media on the awareness program is one of the key factor to spread the awareness in public. Efforts were made by RIO (W), CEA to cover the complete program by various regional newspaper and media. Various news clippings about the programme in regional language Newspapers are attached herewith.

### **लोकमत**

## नीलेश काब्राल : गोवा शिपयार्डतर्फे 'इलेक्ट्रिकल सेफ्टी'विषयी कार्यशाळा इलेक्ट्रिक वाहनांसाठी प्रयत्न

लोकमत न्यूज नेटवर्क

वास्को : गोवा प्रदूषणमुक्त करण्यासाठी इलेक्ट्रिक वाहने आणण्यासाठी राज्य सरकार प्रयत्न करणार आहे. तसेच विजेचा योग्य उपयोग यासाठी फायदेशीर ठेल. विजेचा योग्य वापर करण्यासाठी खासगी आस्थापनांत जागृती राबविणे गरजेचे असल्याचे प्रतिपादन वीजमंत्री नीलेश काब्राल यांनी केले.

दाबोळी-चिखली येथील शिपयार्ड संदर्भाने सभागृहात गोवा शिपयार्डतर्फे आस्थापनातील विविध विभागांतील कामगारांसाठी आयोजित 'इलेक्ट्रिकल सेफ्टी'विषयी कार्यशाळेत मंत्री काब्राल प्रमुख पाहुणे या नात्याने बोलत होते. या वेळी खासपीठावर गोवा शिपयार्डचे मुख्य व्यवस्थापकीय संचालक वी. वी.



गोवा शिपयार्ड आयोजित इलेक्ट्रिकल सेफ्टी कार्यशाळेचे समई प्रज्वलन करून उद्घाटन करताना वीजमंत्री नीलेश काब्राल. सोबत इतर.

नागपाल, केंद्रीय वीज प्राधिकरणाचे एल. के. एस. राठोड, संचालक श्रीकृष्ण कामत, संचालक सुधाकर आय. एन., पावखीडचे व्यवस्थापक कमलेश्वर शाहू व इतर मान्यवर उपस्थित होते.

मंत्री काब्राल म्हणाले, की कमी प्रमाणात इंधनाचा वापर करून इलेक्ट्रिक वाहने, बस यांचा वापर केल्यास देश नक्कीच प्रदूषणमुक्त होईल. यासाठी गोव्यात सुध्दा इलेक्ट्रिक वाहने आणण्याचा प्रयत्न

राज्य सरकार करणार आहे. नागपाल म्हणाले, की आजच्या संगणक युगात देश वेगाने प्रगती करीत असल्याने इतर राष्ट्रांना भारताकडून विविध उद्योग क्षेत्रात आशा निर्माण झाल्या आहेत. त्यामुळे आपण

### **विजेची बचत करा**

पंतप्रधान नरेंद्र मोदी यांनी भारत प्रदूषणमुक्त करण्यासाठी पुढाकार घेतला आहे. त्यासाठी विविध उपाययोजना राबवल्या जात आहेत. विविध आस्थापनांबरोबर नागरिकांनी विजेची बचत केल्यास याचा फायदा आपल्यालाच होईल, असे मंत्री नीलेश काब्राल यांनी सांगितले.

आजच्या माहिती तंत्रज्ञान युगाचा सर्वांनी उपयोग करून घ्यावा.

मान्यवरांच्या हस्ते समई प्रज्वलित करून कार्यक्रमाची सुरुवात झाली. संपूर्ण कार्यक्रमाचे सूत्रसंचालन अब्दुल रहमान यांनी केले. आभार प्रदर्शन संदीप कुमार यांनी केले. कार्यशाळेत गोवा शिपयार्डचे विविध विभागांतील अधिकारी उपस्थित होते.

# इलेक्ट्रिक वाहने आणण्यासाठी सरकार प्रयत्नशील

वीजमंत्री नीलेश काब्राल : गोवा शिपयार्डतर्फे 'इलेक्ट्रिकल सेफ्टी' विषयावर कार्यशाळा

दाबोळी, ता. २३ (वार्ताहर) : गोवा प्रदूषणमुक्त करण्यासाठी इलेक्ट्रिक वाहने आणण्यासाठी राज्य सरकार प्रयत्न करणार आहे. तसेच विजेचा योग्य वापर करण्यासाठी खासगी आस्थापनांत जागृती राबविणे गरजेचे असल्याचे प्रतिपादन वीजमंत्री नीलेश काब्राल यांनी केले.

दाबोळी चिखली येथील शिपयार्ड सदनमधील सभागृहात गोवा शिपयार्डतर्फे आस्थापनातील विविध विभागातील कामगारांसाठी 'इलेक्ट्रिकल सेफ्टी' या विषयावर कार्यशाळेचे आयोजन करण्यात आले होते. यावेळी ते प्रमुख पाहुणे म्हणून बोलत होते. व्यासपीठावर त्यांच्यासमवेत गोवा शिपयार्डचे मुख्य व्यवस्थापकीय संचालक बी. बी. नागपाल, केंद्रीय वीज प्राधिकरणाचे ए. के. एस. राठोड, संचालक



दाबोळी : कार्यशाळेचे उद्घाटन करताना वीजमंत्री नीलेश काब्राल. सोबत इतर मान्यवर.

सुधाकर आय. एन. पावरग्रीडचे व्यवस्थापक कमलेश्वर शाहू व इतर मान्यवर उपस्थित होते.

काब्राल म्हणाले की, कर्म प्रमाणात इंधनाचा वापर करून इलेक्ट्रिकल वाहने, बस यांचा वापर केल्यास देश

नक्कीच प्रदूषणमुक्त होईल. यासाठी गोव्यात सुद्धा इलेक्ट्रिक वाहने आणण्याचा प्रयत्न राज्य सरकार

करणार आहे. पंतप्रधान नरेंद्र मोदी यांनी भारत प्रदूषणमुक्त करण्यासाठी पावले उचलली असून त्यासाठी विविध उपाययोजना राबवल्या जात आहेत, असेही ते म्हणाले.

गोवा शिपयार्डचे व्यवस्थापकीय संचालक नागपाल यांनी आजच्या संगणक युगात देश वेगाने प्रगती करीत असून इतर राष्ट्रांना भारताकडून विविध उद्योग क्षेत्रात आशा निर्माण झाल्या आहेत. त्यामुळे आपण आजच्या माहिती तंत्रज्ञान युगाचा उपयोग करून घ्यावा, असे ते म्हणाले.

सुरवातीला मान्यवरांच्याहस्ते समई प्रचलित करून कार्यशाळेचे उद्घाटन करण्यात आले.

सूत्रसंचालन अब्दुल रहमान तर आभार प्रदर्शन संदीप कुतार यांनी मानले. कार्यशाळेत गोवा शिपयार्डचे अधिकारी उपस्थित होते.

## Some more photos from the Programme







***Vote of Thanks:***

Sh. Mukul Kumar, Assistant Director, CEI Div, CEA New Delhi thanked the Chief Guest and M/s GSL for their logistics support in conducting the programme. He thanked Shri Ravinder Gupta CEI and Chairman CEA for allowing to conduct this program. He also thanked all the speakers for their brilliant presentations and members for proactive participation. He thanked all the participants for their active participation in discussions and their valuable experiences.

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