

कोल इण्डिया लिमिटेड

(भारत सरकार का एक उपक्रम)

इंजीनियरिंग एवम उपकरण विभाग
कोल भवन

प्रेमिसेस नंबर 04- , एम ए आर, प्लॉट नंबर- -ए एफ-III

एक्शन एरिया- I ए, न्यू टाउन, कोलकाता -700 156

कोर्पोरेट पहचान संख्या- L23109WB1973GOI028844

फैक्स - 033 2324 4233

दूरभाष संख्या : 033-71104223

ई-मेल: edene.cil@coalindia.in



(A Maharatna Company)



संयुक्त कुटुंबकम्
ONE EARTH - ONE FAMILY - ONE FUTURE

COAL INDIA LIMITED

(A Govt. of India Enterprise)

Engineering & Equipment Division
COAL BHAWAN

Premises No. 04 MAR Plot no. AF III

Action Area 1A , New Town Kolkata- 700156

Corporate Identity No.L23109WB1973GOI028844

Fax No. 033 23244233

Telephone No. 033-71104223

e-mail : edene.cil@coalindia.in

(An ISO 9001:2015, ISO 14001:2015 & ISO 50001:2018 Certified Company)

संदर्भ क्रमांक : सीआईएल/ईडी-ईई/DT/2024/5077

दिनांक : 22.02.2024

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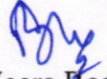
Chairman-cum-Managing Director
ECL Sanctoria, BCCL Dhanbad, CCL Ranchi
NCL Singrauli, WCL Nagpur, SECL Bilaspur,
MCL Sambalpur

Sub :- Survey-off Norms of HEMM

Dear Sir,

Board of Directors of Coal India Limited has approved the recommendation of the committee constituted for revision of HEMM Survey-off norms in the 461st CIL Board Meeting held on 31st Jan' 2024. The approved HEMM Survey-off norms is enclosed as Annexure – A, for implementation.

Regards


B. Veera Reddy
Director(Technical), CIL

Encl: Annexure A

Copy:

1. CMD, CMPDIL
2. Director(Finance), CIL
3. Director(Tech)-Op/P&P-ECL/BCCL/CCL/NCL/WCL/SECL/MCL
4. Director(Finance) - ECL/BCCL/CCL/NCL/WCL/SECL/MCL
5. Director(P&D), CMPDI
6. TS to Chairman, CIL – for kind information od Chairman, CIL
7. GM(OC)-CMPDI, HQ
8. ED(Finance) - CIL
9. ED(E&E)/GM(EED) – CIL
10. ED(M&C) - CIL

ANNEXURE A – RECOMMENDATION OF HIGH POWER COMMITTEE REGARDING HEMM SURVEY OFF
NORM AND APPROVED BY 461st CIL BOARD

	Norms defining minimum eligibility criteria for Survey-off (2024)	
	Years	Hours
1 Walking Draglines		
15-20 cum	30	150000
24 cum & above	30	160000
2 Electric Rope Shovels		
4.6/5 cum	12	36000
10 cum	20	75000
20 cum	22	90000
42 cum	25	110000
3 Hydraulic Shovels		
Up to 1.0 cum	7	14000
>1.0 to 2.2 cum	8	18000
>2.2 to 4.2 cum	8	25000
>4.2 to 9.5 cum	9	28000
>9.5 to 12 cum	10	40000
>12 to 16 cum (proposed)	11	43000
4 Surface Miners		
Up to 1000 HP/ 50T Class	9	32000
5 Rear Dumpers		
Up to 35T	6	15000
40T	6	15000
50T	7	18000
60T	8	20000
85T	9	21000
100T	9	24000
120T	12	37000
150T	12	40000
190T	15	50000
240T	15	54000
6 B H Drills		
Less than 160 mm	7	6000
160 mm	9	14000
250 mm	10	20000
311 mm	15	30000
381 mm	16	30000
7 Crawler Dozers		
Up to 500 hp	9	16000
>500 hp	11	24000
8 Wheel Dozers		
Up to 500hp	10	14000
9 Scrapers	9	10000
10. Graders		
Up to 200 hp	9	10000
>200 to 500 hp	9	10000
>500 hp	10	14000

	Norms defining minimum eligibility criteria for Survey-off (2024)	
	Years	Hours
11. Front End Loaders		
Up to 5 cum	9	16000
>5 to 10 cum	9	20000
>10 cum	10	30000
12. Water Sprinklers		
28kl	10	14000
70kl	12	18000
13. Cranes & Boom Trucks		
Up to 30T	9	-
>30 to 50T	10	-
>50T	12	-
14. Tyre Handlers	10	-
15. Fork Lifts	10	-

Other Important Issues

- (a) The equipment will be qualified for survey-off when it completes its life both in terms of years and cumulative worked hours.
- (b) The above norms are the minimum eligibility criteria of qualifying for survey-off of equipment. Survey-off norms of equipment does not restrict the coal companies to run the machine beyond the minimum eligibility criteria of qualifying for survey-off in terms of years and cumulative working hours. Actual survey-off may be decided by the coal companies based on actual performance of the equipment after attaining the minimum eligibility criteria of qualifying for survey-off.
- (c) Coal companies should take initiative well in advance for procurement of equipment for timely replacement of surveyed-off equipment.
- (d) In case any equipment is procured with less capacity but having the same base model as per the normal fleet of equipment in CIL, its survey-off norms will be governed by the base model only. (For example, two nos. of EX1900 hydraulic excavators working at MCL are of 8.8 cum bucket capacity instead of its current base model 11 cum as per the normal fleet of CIL, and two nos. of PC-2000 excavators are of 9.5 cum instead of current base model 12 cum as per the normal fleet of CIL. So, their survey off norms will be applicable for hydraulic shovel, >9.5 to 12 cum class).
- (e) No equipment should be surveyed off within 02 years of major overhaul.
- (f) Appropriate system to be introduced to record all the expenses incurred on repair & maintenance with respect to an individual equipment in all opencast mines of CIL.
- (g) Survey-off norms of opencast equipment may be reviewed after five years.

