

**GOVERNMENT OF INDIA
COAL
LOK SABHA**

UNSTARRED QUESTION NO:656
ANSWERED ON:26.02.2015
QUALITY OF COAL
Bhamre Dr. Subhash Ramrao

Will the Minister of COAL be pleased to state:

(a) the quality of coal being produced by the Coal India Limited (CIL) and average annual production of different quality and value during each of the last three years and the current year, quality-wise; and

(b) the percentage of ash found in each type of coal and the consumer price of such type of coal in the country?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF COAL, POWER AND NEW AND RENEWABLE ENERGY
(SHRI PIYUSH GOYAL)

(a) & (b): Different categories / composition/ qualities of coal are being produced by Coal India Ltd. They are mainly non-coking coal [A], where grading is based on Gross Heat content. In coking coal [B], where grading is based on Ash %. In semi coking coal & weakly coking coal [C], where grading is based on Ash & Moisture %. The details are given below;

A) NON-COKING COAL

COAL GRADES AND CORRESPONDING GCV RANGE

GRADE GCV RANGE IN KILO CALORIES / KILOGRAM OF COAL

G1 EXCEEDING 7000
G2 EXCEEDING 6700 AND NOT EXCEEDING 7000
G3 EXCEEDING 6400 AND NOT EXCEEDING 6700
G4 EXCEEDING 6100 AND NOT EXCEEDING 6400
G5 EXCEEDING 5800 AND NOT EXCEEDING 6100
G6 EXCEEDING 5500 AND NOT EXCEEDING 5800
G7 EXCEEDING 5200 AND NOT EXCEEDING 5500
G8 EXCEEDING 4900 AND NOT EXCEEDING 5200
G9 EXCEEDING 4600 AND NOT EXCEEDING 4900
G10 EXCEEDING 4300 AND NOT EXCEEDING 4600
G11 EXCEEDING 4000 AND NOT EXCEEDING 4300
G12 EXCEEDING 3700 AND NOT EXCEEDING 4000

GRADE GCV RANGE IN KILO CALORIES / KILOGRAM OF COAL

G13 EXCEEDING 3400 AND NOT EXCEEDING 3700
G14 EXCEEDING 3100 AND NOT EXCEEDING 3400
G15 EXCEEDING 2800 AND NOT EXCEEDING 3100
G16 EXCEEDING 2500 AND NOT EXCEEDING 2800
G17 EXCEEDING 2200 AND NOT EXCEEDING 2500

B) COKING COAL

GRADE ASH CONTENT (%)

STEEL.I Up to 15
STEEL. II Exceeding 15 & up to 18

WASHERY. I Exceeding 18 & up to 21
WASHERY. II Exceeding 21 & up to 24
WASHERY. III Exceeding 24 & up to 28
WASHERY. IV Exceeding 28 & up to 35

C) SEMI COKING & WEAKLY COKING COAL

GRADE ASH + MOISTURE CONTENT (%)
SEMI COKING - I Not Exceeding 19 %
SEMI COKING - II Exceeding 19% but not exceeding 24%

Grade-wise raw coal production of Coal India Limited during each of the last three years and the current year is given below:

2014-15 (APR`14-SEPT`14)

Figs in Mill Te

GRADES APR`14-SEPT`14 Value in Rs. Crores

SC-I	0.004	
SC-II	0.057	
S-I	0.025	
S-II	0.154	
W-I	0.057	
W-II	0.804	
W-III	5.017	
W-IV	16.262	
SLV	0.000	
Met. Coking	3.142	
Non-Met. Coking	19.238	22848.59
Coking	22.380	
G1	0.049	
G2	0.130	
G3	2.437	
G4	7.958	
G5	6.039	
G6	6.469	
G7	11.727	
G8	9.391	
G9	17.238	
G10	21.525	
G11	45.257	
G12	31.498	
G13	28.601	
G14	0.041	
Non-Coking	188.360	
TOTAL	210.740	22848.59

2013-14

GRADES 2013-14 Value in Rs. Crores

SC-I	0.010	
SC-II	0.125	
S-I	0.061	
S-II	0.604	
W-I	0.062	
W-II	1.191	
W-III	2.530	
W-IV	2.755	
SLV	0.253	
Met. Coking	7.592	
Non-Met. Coking	41.325	61038.75
Coking	48.916	

G1 0.330
G2 0.419
G3 5.373
G4 18.592
G5 12.291
G6 14.076
G7 28.334
G8 20.992
G9 45.731
G10 51.747
G11 107.686
G12 46.886
G13 60.378
G14 0.662
Non-Coking 413.506
TOTAL 462.422 61038.75

2012-13

GRADES 2012-13 Value on Rs. Crores
SC-I 0.010

SC-II 0.157
S-I 0.071
S-II 1.371
W-I 0.170
W-II 1.490
W-III 1.660
W-IV 1.975
Met. Coking 6.904
Non-Met. Coking 36.752
Coking 43.656
G1 0.259 57426.19
G2 0.431
G3 5.622
G4 16.867
G5 14.380
G6 16.120
G7 25.810
G8 20.638
G9 48.444
G10 58.808
G11 101.043
G12 33.150
G13 66.983
Non-Coking 408.555
TOTAL 452.211 57426.19

2011-12

GRADES 2011-12 Value on Rs. Crores
SC-I 0.010
SC-II 0.189
S-I 0.083
S-II 1.134
W-I 0.186
W-II 1.729
W-III 2.907
W-IV 2.133
Met. Coking 8.371
Non-Met. Coking 34.987
Coking 43.358
A 3.695 53746.04
B 21.091
C 40.325

D	26.324
E	99.966
F	99.669
G	8.486
UNGRADED	92.924
Non-Coking	392.480
TOTAL	435.838 53746.04

Note: The value of coal has been derived considering the average sale price of concerned grade of all subsidiary companies for power utility excluding the special price of WCL, e-auction price and other adjustment like charges for crushed / clean coal etc.