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 B (B) 2790, A ME
 IRI 4231 26-28 . 16 ,
 10 , 5 ,
 16.5 . I
 ()
) ,
 . I
 B 1 . A
 B 1
 ; B
 2 .
 B 1 B 2 .

Results and Discussion

. I
 2
 B 1 B 2
 B 2
 103 C .
 -
 () ()

Efficiency and fuel's GCV

O
 29,30 . O
 G C (GCV)
 31,32 .
 (GCV) 10000 C/ . B
 MA LAB
 F 2 .

Ultimate Analysis	Boiler 1 (%)	Boiler 2 (%)
	92	92
Hydrogen	16	16
Nitrogen	0.5	0.5
	1.9	1.9
Sulphur	1.8	1.8
Moisture	0.5	0.5
	10000	10000
	2637.341	2637.341
	82	82
	90	90
	0.015	0.015
Wind speed (m/s)	3.7	3.7
Flue Gas Analysis		
	226	123
	30	30
CO ₂	11.4	10.2
O ₂	7.9	7.1

Table 1:

Input / Output Parameter	% Loss Boiler 1	% Loss Boiler 2
	100	100
	11.7131	5.2563
2. Loss due to hydrogen in fuel, L2	9.6797	9.0122
3. Loss due to Moisture in fuel, L3	0.0336	0.0313
4. Loss due to Moisture in air, L4	0.3443	0.154
	0	0
6. Surface heat losses, L6	1	1

GC

Efficiency and the gas temperature

F 33-35 . F 3 B 1 B

2 . I

B 2 .

100 C

B 2 7

B 1 77.23.

Conclusion

I

12%

77.2293%

B 1 ,

103 C

B 2 123 C,

7.3169%

B 2 84.5462%,

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Acknowledgement

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20. 02@50ErCpA

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