



ABHITECH ENERGYCON LTD

Date: 09-11-2020

Subject: Summary of Results of Field trial of Flocculant "Abhifloc - A" conducted at Shri Jagannath Steel & Power Ltd., Barbil, Odisha.

SHRI JAGANNATH STEEL AND POWER LTD., BARBIL FLOCCULANT FIELD TRIAL REPORT		
	11 days trial data with NALCO/SNF Product	31 days trial data of "Abhifloc - A" Product
	20/09/20 to 30/09/20	01/10/20 to 31/10/20
Slurry flow rate	710 Cubic meter/Hr	711 Cubic meter/Hr
Flocculant Consumed	190 kg	427 kg
Ball mill running Hr	244 Hr	692 Hr
Flocculant Consumed/Hr	0.848 Kg/Hr	0.617 kg/Hr
Cost of flocculant	210/- per kg	237/- per kg
Treatment cost/Hr	Rs.178.08	Rs.146.23
Reduction of treatment cost/Hr with "Abhifloc - A"		Rs.31.85
Reduction of treatment cost/Day with "Abhifloc - A"		Rs.764.40
Reduction of treatment cost/Month with "Abhifloc - A"		Rs.22,932.00
Reduction of treatment cost/Annum (11 Month) with "Abhifloc - A"		Rs.2,52,252.00
% Saving in treatment cost by usage of "Abhifloc - A"		(31.85/178.08) x 100% =17.88%

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