A HYPOTHETICAL ILLUSTRATION ON BOILER'S PERFORMANCE RESULT

As per my experience & knowledge, I am going to illustrate a hypothetical data on achievement of boiler performance result

AIM OF THIS HYPOTHETICAL ILLUSTRATION:

To achieve required contractual obligation, necessary changes (Manipulation Done in Fuel, Moisture, Ash, Unburnt Samples & Emission-SPM Reports, Log Sheet, Aux Power Consumption, Design Correction Curve / Assumption & Calculation etc) carried out before submission the performance result to customer

Customer	Boiler	No. of Boiler	Manipulation / Changes Done After Boiler Performance	Manipulation / Changes Done at Site Before Boiler Performance	End Result to Customer
xxxxxx	TG+ SLOP	1			Achieve Contractual Obligation
xxxxxx	TG+ SLOP	1			Achieve Contractual Obligation
xxxxxx	TG+ SLOP	1			Achieve Contractual Obligation
xxxxxx	TG+ SLOP	1			Achieve Contractual Obligation
xxxxxx	TG+ SLOP	1			Achieve Contractual Obligation
xxxxxx	TG+ SLOP	1			Achieve Contractual Obligation
xxxxxx	TG+ SLOP	1			Achieve Contractual Obligation
xxxxxx	TG+ SLOP	1			Achieve Contractual Obligation
xxxxxx	TG	1			Achieve Contractual Obligation
xxxxxx	TG	1			Achieve Contractual Obligation
xxxxxx	TG	1			Achieve Contractual Obligation
xxxxxx	TG	1			Achieve Contractual Obligation
xxxxxx	AFBC	1			Achieve Contractual Obligation
xxxxxx	AFBC	1			Achieve Contractual Obligation
xxxxxx	AFBC	1			Achieve Contractual Obligation
xxxxxx	AFBC	1			Achieve Contractual Obligation
xxxxxx	AFBC	1			Achieve Contractual Obligation
xxxxxx	AFBC	1			Achieve Contractual Obligation
xxxxxx	CFBC	1			Achieve Contractual Obligation
xxxxxx	CFBC	1			Achieve Contractual Obligation
HAPPY	**CLIENT**	20	**17**	3	**100 % TARGET ACHIEVED with Good Margin**

METHODOLOGY USED IN ABOVE HYPOTHETICAL ILLUSTRATION:

1. **SPM** - Test Result are edited for Emission, SOx, NOx, very frequently in TG+Slop, at site / after test
2. **Fuel** - Changes incorporated in GCV, Fuel Moisture, Ash, Hydrogen OR by correction curves
3. **Ash** - Changes incorporated in Unburnt %age, Ash Collection Ratio, Ash temperature OR by correction curves
4. **Aux Power Consumption** - Changes incorporated during data collection at site, Setting of instruments & meters OR by correction curves
5. **ESP Exit Gas Temp** - Changes incorporated during data collection at site, Setting of instruments & display OR by correction curves
6. **Steam & Water** - Changes incorporated in Silica, Conductivity OR Sample replacement
7. **Correction Curve** - Preparation is based on customer's contractual obligation
8. **Log data** - Changes incorporated during data collection, Setting of instruments & DCS

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"UNITE ENERGY CORPORATION LLP" is dealing in

1. Consultancy, Construction & Commissioning services
2. Performance Monitoring & Analysis, Operational Recommendations
3. Spare Supply through business partners as required
4. Erection & Commissioning, Fabrication & Contract Jobs
5. Root cause analysis & Troubleshooting
6. Design Retrofit & Modification, Design Validation
7. Repair & Retrofit jobs
8. Training and Skill enhancement
9. Other Support as required

M/s Unite Energy Corporation LLP is keen to provide the best sales & technical service support to mitigate the irregularities in the plant, minimize breakdown & downtime, improvise design & system performance to improve the overall plant's health and performance.

Regards

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