

Monitoring & Surveillance

Your reliable partner to keep watch on movements of commodities from point to point.



- Abyl Assisted by Drone
- Remote Cameras
- Customised GPS
- QRT (Quick Response Team)

Inspection & Testing

Your reliable partner for inspection of commodities by national or international standards.

- Coal
- Coke & Minerals

Chemical Laboratory

Your reliable partner for accurate and precise testing of commodities

- Coal
- Coke & Minerals

IT Solutions

Your reliable partner for providing solutions in

- AI, ML & DL
- IIoT
- Process optimisation through Technology intervention

PRIMECO : Customised GPS System

- Safety & Security ensured through customised alerts
- Live Tracking with GPS or Camera integration or both
- Bus, Trucks, haulers and other mobile equipments



“ With Commitment We Approach
"With Conviction We Accomplish
– Madhu K. Nair ”

Corporate Membership



Associates



Knowledge Partner to



Clientele



PRIMUS SAM PRIVATE LIMITED

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CHEMICAL LABORATORY

(A unit of Primus SAM Pvt. Ltd)
C-18/2, Hingna MIDC Area,
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PRIMUS
TRUST BEYOND THE NAME

Adding
VALUES
& SAVING
NATIONAL RESOURCES



PRIMUS SAM PVT. LTD

www.primuslab.in

✓ About Us

Primus SAM Pvt. Ltd., Nagpur – As we are moving ahead, widening our area of interest as well as the idea of adopting newer methods to deliver products and services within schedule to the latest standards. Company has already proved its credentials through our execution of the project for MAHAGENCO through MSMC-NAGPUR.

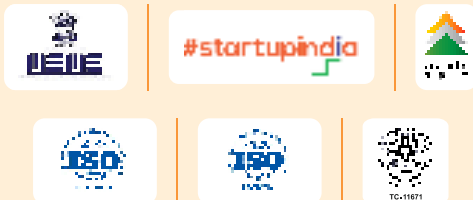


The company, with its qualified, experienced, and subject specialist professionals on board is currently focusing on Inspection, testing and analysis of coal and minerals (2) Automation of process plants (3) Expanding the usage of IIoT for safer and productive mining of all sorts and finally entering into the new concept of Fuel Management for power/cement and other utilities.

Fuel Management being the most critical activity of every major utility, we are automising and systemising the entire activity from lifting of coal from the mines to stock yard of the utility, from their handling to firing mouth, inventory levels and finally ordering procedure. The system is ready for PoC and the company is in advance stage of discussions with couple of private power generation companies.

The company's capabilities for sampling and analysis are being multiplied by setting up LIMS enabled laboratories in multiple locations of the country. The company will soon have associates for inspection at various ports within and outside the country.

Certifications



✓ Chemical Laboratory

A unit of Primus SAM Pvt. Ltd.- provide most accurate analytical services in the field of Inspection, Testing, and Certification of coal.

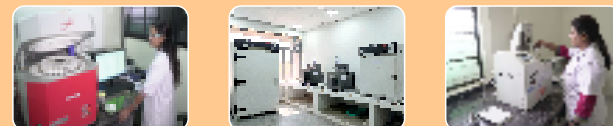


The Laboratory, ideally located at MIDC Area, Hingna, Nagpur with full-fledged facility of testing of coal with modern equipments.

The Lab is recognised with global standard such as American Society for Testing and Materials (ASTM), International Organization for Standardization (ISO) and Bureau of Indian standard (BIS). Manned by qualified and experienced professionals and technicians, one can rely on PRIMUSLAB for its proficiency, accuracy and commitment.

The Laboratory which is LIMS enabled, is participating in Proficiency Testing and Intra Laboratory comparison program for assured quality.

Commodity	Parameters	Specification, standard (method) or technique used
Coal	Total Moisture	IS : 1350 (Part 1) –1984 RA 2019, ISO 589:2008, ASTM D 3302:2022a, ASTM D 2961: 2019
	Moisture Analysis Sample	IS : 1350 (Part 1) –1984 RA 2019, ISO 11722:2013, ASTM D 3173:2017, ASTM D 7582 : 2015
	Ash	IS : 1350 (Part 1) –1984 RA 2019, ISO 1171:2010, ASTM D 3174:2012, ASTM D 7582:2015
	Volatile Matter	IS : 1350 (Part 1) – 1984 RA 2019, ISO 562:2010, ASTM D3175:2020, ASTM D 7582:2015
	Fixed Carbon	IS : 1350 (Part 1) –1984 RA 2019, ASTM D 7582 : 2015
	Gross Calorific Value	IS:1350 (Part2)-2022, ISO 1928:2020, ASTM D 5865-2019
	Equilibrated Moisture	IS : 1350 (Part 1) – 1984 RA 2019
	Sulphur	IS:1350(Part III) – 1969 RA 2022



✓ Service & Sectors Offered

