

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Cotecna Inspection India Private Limited

Plot No-2926, 2nd Floor, HPL Link Road, Basudebpur,
Ward no. 10, P.O.- Khanjanchak, Haldia
Purba Medinipur-721602, West Bengal, India

has been assessed and accredited in accordance with the Standard
ISO/IEC 17025:2017

“General Requirements for the Competence of Testing and Calibration Laboratories”
In the field of
Testing

This certificate remains valid for the Scope of Accreditation as specified
in the annexure subject to continued compliance to the above standard &
any other requirements specified by QAI.



QAI/CIA/TL/2024/0041

(Date of First Accreditation: 15 February 2024 - 14 February 2026)

Valid from: 20 February 2026

Valid until: 19 February 2028

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA

User is advised to verify the current scope of accreditation by visiting our website: www.qai.org.in



Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Cotecna Inspection India Private Limited

Plot No-2926, 2nd Floor, HPL Link Road, Basudebpur, Ward no. 10, P.O.- Khanjanchak, Haldia
Purba Medinipur-721602, West Bengal, India

Date of First Accreditation: 15 February 2024- 14 February 2026

QAI/CIA/TL/2024/0041

Valid from: 20 February 2026

Valid until: 19 February 2028

Accreditation Standard: ISO/IEC 17025:2017

| Chemical Testing | | | |
|------------------|-----------------------------|----------------------------------|------------------------|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Solid Fuels | | |
| 1. | Coal | Total Moisture (TM) | IS 1350 (Part 1): 2025 |
| 2. | Coal | Total Moisture (TM) | ISO 589:2008 (E) |
| 3. | Coal | Moisture in Analysis Sample (IM) | IS 1350 (Part 1): 2025 |
| 4. | Coal | Moisture in Analysis Sample (IM) | ISO 11722:2013 |
| 5. | Coal | Volatile Matter (VM) | IS 1350 (Part 1): 2025 |
| 6. | Coal | Volatile Matter (VM) | ISO 562:2024 |
| 7. | Coal | Ash | IS 1350 (Part 1): 2025 |
| 8. | Coal | Ash | ISO 1171:2024 |
| 9. | Coal | Fixed Carbon (FC) | IS 1350 (Part 1): 2025 |
| 10. | Coal | Fixed Carbon (FC) | ISO 17246:2024 |
| 11. | Coal | Phosphorus(P) | IS 1350 (Part 5): 2017 |
| 12. | Coal | Sulphur(S) | IS 1350 (Part 3): 2022 |
| 13. | Coal | Sulphur(S) | ISO 334: 2020 |
| 14. | Coal | Gross Calorific Value (GCV) | IS 1350 (Part 2): 2022 |
| 15. | Coal | Gross Calorific Value (GCV) | ISO 1928: 2020 |

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



1 of 8

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Cotecna Inspection India Private Limited

Plot No-2926, 2nd Floor, HPL Link Road, Basudebpur, Ward no. 10, P.O.- Khanjanchak, Haldia
Purba Medinipur-721602, West Bengal, India

Date of First Accreditation: 15 February 2024- 14 February 2026

QAI/CIA/TL/2024/0041

Valid from: 20 February 2026

Valid until: 19 February 2028

Accreditation Standard: ISO/IEC 17025:2017

| Chemical Testing | | | |
|------------------|-----------------------------|----------------------------------|------------------------|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Solid Fuels | | |
| 16. | Coke | Total Moisture (TM) | IS 1350 (Part 1): 2025 |
| 17. | Coke | Total Moisture (TM) | ISO 579:2013(E) |
| 18. | Coke | Moisture in Analysis Sample (IM) | IS 1350 (Part 1): 2025 |
| 19. | Coke | Moisture in Analysis Sample (IM) | ISO 687:2024 |
| 20. | Coke | Volatile Matter (VM) | IS 1350 (Part 1): 2025 |
| 21. | Coke | Volatile Matter (VM) | ISO 562:2024 |
| 22. | Coke | Ash | IS 1350 (Part 1): 2025 |
| 23. | Coke | Ash | ISO 1171:2024 |
| 24. | Coke | Fixed Carbon (FC) | IS 1350 (Part 1): 2025 |
| 25. | Coke | Fixed Carbon (FC) | ISO 17246:2024 |
| 26. | Coke | Phosphorus (P) | IS 1350 (Part 5): 2017 |
| 27. | Coke | Sulphur (S) | IS 1350 (Part 3): 2022 |
| 28. | Coke | Sulphur (S) | ISO 334: 2020 |
| 29. | Coke | Gross Calorific Value (GCV) | IS 1350 (Part 2): 2022 |
| 30. | Coke | Gross Calorific Value (GCV) | ISO 1928: 2020 |

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



2 of 8

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Cotecna Inspection India Private Limited

Plot No-2926, 2nd Floor, HPL Link Road, Basudebpur, Ward no. 10, P.O.- Khanjanchak, Haldia
Purba Medinipur-721602, West Bengal, India

Date of First Accreditation: 15 February 2024- 14 February 2026

QAI/CIA/TL/2024/0041

Valid from: 20 February 2026

Valid until: 19 February 2028

Accreditation Standard: ISO/IEC 17025:2017

| Chemical Testing | | | |
|------------------|-----------------------------|---|-------------------------------|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Solid Fuels | | |
| 31. | Coal | Total Moisture (TM) | ASTM D 3302/D3302M:22a |
| 32. | Coal | Moisture in Analysis Sample (IM) | ASTM D 3173/D3173M:25 |
| 33. | Coal | Volatile Matter (VM) | ASTM D 3175:20 |
| 34. | Coal | Ash | ASTM D 3174:12(2018) e1 |
| 35. | Coal | Fixed Carbon (FC) | ASTM D 3172:13(2021) e1 |
| 36. | Coal | Gross Calorific Value (GCV) | ASTM D 5865/D 5865M:19 |
| 37. | Coal | Moisture in Equilibrated Sample (at 40° C and 60% RH) | IS 1350 (Part 1): 2025 |
| 38. | Coal | Free Swelling Index (CSN) | ASTM D 720/D720M:25 |
| 39. | Coal | Crucible Swelling Number (CSN) | IS 1353(Part-1):2018, RA-2023 |
| 40. | Coal | Free Swelling Index (CSN) | ISO 501:2012 |
| 41. | Coal | Hard Grove Grindability Index (HGI) | ASTM D 409/D 409M:24 |
| 42. | Coal | Hard Grove Grindability Index (HGI) | IS 4433:1979, RA-2020 |
| 43. | Coke | Moisture in Analysis Sample (IM) | ASTM D 3173/D3173M:25 |
| 44. | Coke | Volatile Matter (VM) | ASTM D 3175:20 |

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



3 of 8

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Cotecna Inspection India Private Limited

Plot No-2926, 2nd Floor, HPL Link Road, Basudebpur, Ward no. 10, P.O.- Khanjanchak, Haldia
Purba Medinipur-721602, West Bengal, India

Date of First Accreditation: 15 February 2024- 14 February 2026

QAI/CIA/TL/2024/0041

Valid from: 20 February 2026

Valid until: 19 February 2028

Accreditation Standard: ISO/IEC 17025:2017

| Chemical Testing | | | |
|------------------|-----------------------------|------------------------------------|-------------------------|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Solid Fuels | | |
| 45. | Coke | Ash | ASTM D 3174:12(2018) e1 |
| 46. | Coke | Fixed Carbon (FC) | ASTM D 3172:13(2021) e1 |
| 47. | Coke | Gross Calorific Value (GCV) | ASTM D 5865/D 5865M:19 |
| 48. | Coke | Coke Reactivity Index (CRI) | IS 4023:2022 |
| 49. | Coke | Coke Reactivity Index (CRI) | ISO 18894:2018 |
| 50. | Coke | Coke Strength after Reaction (CSR) | IS 4023:2022 |
| 51. | Coke | Coke Strength after Reaction (CSR) | ISO 18894:2018 |



Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Cotecna Inspection India Private Limited

Plot No-2926, 2nd Floor, HPL Link Road, Basudebpur, Ward no. 10, P.O.- Khanjanchak, Haldia
Purba Medinipur-721602, West Bengal, India

Date of First Accreditation: 15 February 2024- 14 February 2026

QAI/CIA/TL/2024/0041

Valid from: 20 February 2026

Valid until: 19 February 2028

Accreditation Standard: ISO/IEC 17025:2017

| Chemical Testing | | | |
|------------------|-----------------------------|--------------------------|------------------------|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Metals & Alloys | | |
| 1. | Ferro Manganese | Manganese (Mn) | IS 1559-1961, RA-2023 |
| 2. | Ferro Manganese | Manganese (Mn) | ISO 4159:1978 |
| 3. | Ferro Manganese | Silicon (Si) | IS 1559-1961, RA-2023 |
| 4. | Ferro Manganese | Phosphorus(P) | IS 1559-1961, RA-2023 |
| 5. | Ferro Manganese | Carbon(C) | IS 1559-1961, RA-2023 |
| 6. | Silico Manganese | Manganese (Mn) | IS 1559-1961, RA-2023 |
| 7. | Silico Manganese | Manganese (Mn) | ISO 4159:1978 |
| 8. | Silico Manganese | Silicon (Si) | IS 1559-1961, RA-2023 |
| 9. | Silico Manganese | Phosphorus(P) | IS 1559-1961, RA-2023 |
| 10. | Silico Manganese | Carbon(C) | IS 1559-1961, RA-2023 |
| 11. | Silico Manganese | Sulphur(S) | IS 1559-1961, RA-2023 |
| 12. | High Carbon Ferro Chrome | Chromium (Cr) | IS 13452-2019, RA-2024 |
| 13. | High Carbon Ferro Chrome | Silicon (Si) | IS 13452-2019, RA-2024 |
| 14. | High Carbon Ferro Chrome | Phosphorus(P) | IS 13452-2019, RA-2024 |
| 15. | High Carbon Ferro Chrome | Carbon(C) | IS 1559-1961, RA-2023 |

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



5 of 8

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Cotecna Inspection India Private Limited

Plot No-2926, 2nd Floor, HPL Link Road, Basudebpur, Ward no. 10, P.O.- Khanjanchak, Haldia
Purba Medinipur-721602, West Bengal, India

Date of First Accreditation: 15 February 2024- 14 February 2026

QAI/CIA/TL/2024/0041

Valid from: 20 February 2026

Valid until: 19 February 2028

Accreditation Standard: ISO/IEC 17025:2017

| Chemical Testing | | | |
|------------------|-----------------------------|--------------------------|------------------------------|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Metals & Alloys | | |
| 16. | High Carbon Ferro Chrome | Sulphur(S) | IS 1559-1961, RA-2023 |
| 17. | Ferro Silicon | Silicon (Si) | IS 1559(part-1)1988, RA-2024 |
| 18. | Ferro Silicon | Aluminium (Al) | IS 1559(part-5)2003, RA-2024 |
| 19. | Ferro Silicon | Phosphorus(P) | IS 1559(part-4)1982, RA-2018 |
| 20. | Ferro Silicon | Carbon(C) | IS 1559-1961, RA-2023 |
| 21. | Ferro Silicon | Sulphur(S) | IS 1559-1961, RA-2023 |



Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Cotecna Inspection India Private Limited

Plot No-2926, 2nd Floor, HPL Link Road, Basudebpur, Ward no. 10, P.O.- Khanjanchak, Haldia
Purba Medinipur-721602, West Bengal, India

Date of First Accreditation: 15 February 2024- 14 February 2026

QAI/CIA/TL/2024/0041

Valid from: 20 February 2026

Valid until: 19 February 2028

Accreditation Standard: ISO/IEC 17025:2017

| Chemical Testing | | | |
|------------------|----------------------------------|---|------------------------|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Ores & Minerals | | |
| 1. | Iron Ore (Lumps/ Fines/ Pellets) | Alumina (Al ₂ O ₃) | IS 1493 (Part 1): 2025 |
| 2. | Iron Ore (Lumps/ Fines/ Pellets) | Phosphorus(P) | IS 1493 (Part 1): 2025 |
| 3. | Iron Ore (Lumps/ Fines/ Pellets) | Silica (SiO ₂) | IS 1493 (Part 1): 2025 |
| 4. | Iron Ore (Lumps/ Fines/ Pellets) | Sulphur(S) | IS 1493 (Part 1): 2025 |
| 5. | Iron Ore (Lumps/ Fines/ Pellets) | Total Iron (Fe) | IS 1493 (Part 1): 2025 |
| 6. | Iron Ore (Lumps/ Fines/ Pellets) | Loss on Ignition (LOI) | IBM-2012 |
| 7. | Iron Ore (Lumps/ Fines/ Pellets) | Moisture | IS 1493 (Part 1): 2025 |
| 8. | Manganese Ore | Silica (SiO ₂) | IS 1473:2004, RA-2021 |
| 9. | Manganese Ore | Manganese (Mn) | ISO 4298:2022 |
| 10. | Manganese Ore | Manganese (Mn) | IS 1473:2004, RA-2021 |
| 11. | Manganese Ore | Iron (Fe) | IS 1473:2004, RA-2021 |
| 12. | Manganese Ore | Alumina (Al ₂ O ₃) | IS 1473:2004, RA-2021 |
| 13. | Manganese Ore | Phosphorus(P) | IS 1473:2004, RA-2021 |

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



7 of 8

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Cotecna Inspection India Private Limited

Plot No-2926, 2nd Floor, HPL Link Road, Basudebpur, Ward no. 10, P.O.- Khanjanchak, Haldia
Purba Medinipur-721602, West Bengal, India

Date of First Accreditation: 15 February 2024- 14 February 2026

QAI/CIA/TL/2024/0041

Valid from: 20 February 2026

Valid until: 19 February 2028

Accreditation Standard: ISO/IEC 17025:2017

| Chemical Testing | | | |
|------------------|-----------------------------|--|---|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Ores & Minerals | | |
| 14. | Limestone | Alumina (Al ₂ O ₃) | IS 1760 (Part 3): 2025 |
| 15. | Limestone | Calcium Oxide (CaO) | IS 1760 (Part 3): 2025 |
| 16. | Limestone | Magnesium Oxide (MgO) | IS 1760 (Part 3): 2025 |
| 17. | Limestone | Silica (SiO ₂) | IS 1760 (Part 2): 2025 |
| 18. | Limestone | Loss on Ignition (LOI) | IS 1760 (Part 1): 2025 |
| 19. | Dolomite | Alumina (Al ₂ O ₃) | IS 1760 (Part 3): 2025 |
| 20. | Dolomite | Calcium Oxide (CaO) | IS 1760 (Part 3): 2025 |
| 21. | Dolomite | Magnesium Oxide (MgO) | IS 1760 (Part 3): 2025 |
| 22. | Dolomite | Silica (SiO ₂) | IS 1760 (Part 2): 2025 |
| 23. | Dolomite | Loss on Ignition (LOI) | IS 1760 (Part 1): 2025 |
| 24. | Rock Phosphate | Moisture | Fertiliser Control Order (FCO):1985, Page-80, Amended October 2024 |
| 25. | Rock Phosphate | Total Phosphorus(P ₂ O ₅) | Fertiliser Control Order (FCO):1985, Page-103, Amended October 2024 |

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



8 of 8