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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I.	METAL AND ALI	LOYS		
1.	Ferro Silico	Ca	IS 2018: 1998 (RA 2002)	28.0 to 35.0
	Calcium	Si	IS 2018: 1998 (RA 2002)	55.0 to 65.0
		С	ASTM E-1019-11(Leco)	0.01 to 3.0
		S	ASTM E-1019-11(Leco)	0.005 to 0.10
		Р	IS 1559: 1961 (RA 2002)	0.01 to 0.05
		Fe	SOP/CLMM/AAS/01-02: Issue No.01 Issue Date. 2006	3.0 to 10.0
		Fe	SOP/CLMM/XRF/01-01: Issue No.02 Issue Date. 2010	3.0 to 10.0
		Ca	SOP/CLMM/XRF/01-01: Issue No.02 Issue Date. 2010	28.0 to 35.0
		Si	SOP/CLMM/XRF/01-01: Issue No.02 Issue Date. 2010	55.0 to 65.0
		Al	SOP/CLMM/XRF/01-01: Issue No.02 Issue Date. 2010	0.3 to 2.0
		Р	SOP/CLMM/XRF/01-01: Issue No.02 Issue Date. 2010	0.01 to 0.05
		Ca	SOP/CLMM/ICP/01-01: Issue No.02 Issue Date. 2015	25.0 to 32.0
		Fe	SOP/CLMM/ICP/01-01: Issue No.02 Issue Date. 2015	0.5 to 15.0

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Ferro Silico Calcium	Al	SOP/CLMM/ICP/01-01: Issue No.02 Issue Date. 2015	0. 5 to 2.0
		Mn	SOP/CLMM/ICP/01-01: Issue No.02 Issue Date. 2015	0.10 to 1.0
		Mg	SOP/CLMM/ICP/01-01: Issue No.02 Issue Date. 2015	0. 10 to 1.0
		Ti	SOP/CLMM/ICP/01-01: Issue No.02 Issue Date. 2015	0. 10 to 1.0
		Cr	SOP/CLMM/ICP/01-01: Issue No.02 Issue Date. 2015	0.02 to 1.0
		Мо	SOP/CLMM/ICP/01-01: Issue No.02 Issue Date. 2015	0.003 to 1.0
		Ni	SOP/CLMM/ICP/01-01: Issue No.02 Issue Date. 2015	0.010 to 1.0
		Cu	SOP/CLMM/ICP/01-01: Issue No.02 Issue Date. 2015	0.010 to 1.0
2.	Ferro Silicon	Si	IS 1559 (Part 1):1988 (RA1999)	65.0 to 80.0
		Al	IS 1559 (Part 5): 2003	0.2 to 2.0
		Ca	IS 1559 (Part 6): 1988 (RA1999)	0.2 to 3.0
		С	ASTM E-1019-11(Leco)	0.01 to 0.30
		S	ASTM E-1019-11(Leco)	0.005 to 0.10
		Р	IS 1559: 1961 (RA 2002)	0.01 to 0.10

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Ferro Silicon	Si	SOP/CLMM/AAS/01-02: Issue No.01 Issue Date. 2010	65.0 to 80.0
		Al	SOP/CLMM/XRF/01-02: Issue No.02 Issue Date. 2010	0.2 to 2.0
		Ca	SOP/CLMM/XRF/01-02: Issue No.02 Issue Date. 2010	0.2 to 3.0
		Р	SOP/CLMM/XRF/01-02: Issue No.02 Issue Date. 2010	0.01 to 0.10
		Ca	SOP/CLMM/ICP/01-02: Issue No.02 Issue Date. 2015	0.10 to 3.0
		Al	SOP/CLMM/ICP/01-02: Issue No.02 Issue Date. 2015	0.10 to 2.0
		Ti	SOP/CLMM/ICP/01-02: Issue No.02 Issue Date. 2015	0.10 to 0.5
		Cr	SOP/CLMM/ICP/01-02: Issue No.02 Issue Date. 2015	0.020 to 0.5
		Ba	SOP/CLMM/ICP/01-02: Issue No.02 Issue Date. 2015	0.010 to 0.5
		Cu	SOP/CLMM/ICP/01-02: Issue No.02 Issue Date. 2015	0.010 to 0.5
		Bi	SOP/CLMM/ICP/01-02: Issue No.02 Issue Date. 2015	0.01 to 0.5
		Mn	SOP/CLMM/ICP/01-02: Issue No.02 Issue Date. 2015	0.05 to 1.0

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
3.	Ferro Titanium	Ti	ISO 7692: 1983 (E)	20.0 to 80.0
		Si	IS 13840 (Part 2): 1999 (RA1999)	0.2 to 5.0
		С	IS 1559 (Part 6): 1988 (RA1999)	0.01 to 1.5
		S	ASTM E-1019-11(Leco)	0.005 to 0.50
		Р	ASTM E-1019-11(Leco)	0.01 to 0.10
		Al	IS 1559: 1961 (RA 2002)	0.10 to 12.0
		Si	SOP/CLMM/AAS/01-03: Issue No.01 Issue Date. 2010	0.2 to 5.0
		Р	SOP/CLMM/XRF/01-03: Issue No.02 Issue Date. 2010	0.01 to 0.10
		Ti	SOP/CLMM/XRF/01-03: Issue No.02 Issue Date. 2010	20.0 to 80.0
		Al	SOP/CLMM/ICP/01-03: Issue No.02 Issue Date. 2015	0.05 to 12.0
		V	SOP/CLMM/ICP/01-03: Issue No.02 Issue Date. 2015	0.05 to 3.0
		Mn	SOP/CLMM/ICP/01-03: Issue No.02 Issue Date. 2015	0.050 to 1.0
		Cr	SOP/CLMM/ICP/01-03: Issue No.02 Issue Date. 2015	0.010 to 1.0
		Мо	SOP/CLMM/ICP/01-03: Issue No.02 Issue Date. 2015	0.010 to 1.0

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	Ferro Titanium	Ni	SOP/CLMM/ICP/01-03: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Со	SOP/CLMM/ICP/01-03: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Cu	SOP/CLMM/ICP/01-03: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Sn	SOP/CLMM/ICP/01-03: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Zr	SOP/CLMM/ICP/01-03: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Fe	SOP/CLMM/ICP/01-03: Issue No.02 Issue Date. 2015	10.0 to 70.0
4.	Ferro Boron	В	IS 3295 (Part 2): 1970 (RA 1993)	14.0 to 21.0
		Si	IS 3295 (Part 1): 1969 (RA 1999)	0.1 to 3.0
		С	ASTM E-1019-11(Leco)	0.01 to 0.70
		S	ASTM E-1019-11(Leco)	0.005 to 0.10
		Р	IS 1559: 1961 (RA 2002)	0.01 to 0.10
		Al	SOP/CLMM/XRF/01-04: Issue No.02 Issue Date. 2010	0.2 to 1.0
		Si	SOP/CLMM/XRF/01-04: Issue No.02 Issue Date. 2010	0.3 to 3.0

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	Ferro Boron	Р	SOP/CLMM/XRF/01-04: Issue No.02 Issue Date. 2010	0.01 to 0.10
		В	SOP/CLMM/ICP/01-04: Issue No.02 Issue Date. 2015	10.0 to 21.0
		Al	SOP/CLMM/ICP/01-04: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Mn	SOP/CLMM/ICP/01-04: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Cr	SOP/CLMM/ICP/01-04: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Мо	SOP/CLMM/ICP/01-04: Issue No.02 Issue Date. 2015	0.005 to 1.0
		Со	SOP/CLMM/ICP/01-04:Issue No.02 Issue Date. 2015	0.01 to 1.0
		Ti	SOP/CLMM/ICP/01-04: Issue No.02 Issue Date. 2015	0.01 to 1.0
		V	SOP/CLMM/ICP/01-04: Issue No.02 Issue Date. 2015	0.005 to 1.0
		Ca	SOP/CLMM/ICP/01-04: Issue No.02 Issue Date. 2015	0.05 to 1.0
5.	Ferro Aluminium	Al	Minex Method SOP/ CLMM/01-03: Issue No.02 Issue Date. 2015	25.0 to 50.0
		С	ASTM E-1019-11(Leco)	0.01 to 1.0

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Ferro Aluminium	S	ASTM E-1019-11(Leco)	0.005 to 0.30
		Р	Minex Method SOP/CLMM/0103: Issue No.02 Issue Date. 2015	0.01 to 0.05
		Mn	Minex Method SOP/ CLMM/01-03: Issue No.02 Issue Date. 2015	0.1 to 1.0
		Si	Minex Method SOP/ CLMM/01-03: Issue No.02 Issue Date. 2015	0.1 to 1.0
		Mn	SOP/CLMM/AAS/01-17: Issue No.01 Issue Date. 2006	0.1 to 1.0
		Cu	SOP/CLMM/AAS/01-05: Issue No.01 Issue Date. 2006	0.01 to 0.5
		Zn	SOP/CLMM/AAS/01-06: Issue No.01 Issue Date. 2006	0.01 to 0.50
		Al	SOP/CLMM/XRF/01-05: Issue No.02 Issue Date. 2010	25.0 to 50.0
		S	SOP/CLMM/XRF/01-05: Issue No.02 Issue Date. 2010	0.01 to 0.05
		Р	SOP/CLMM/XRF/01-05: Issue No.02 Issue Date. 2010	0.01 to 0.05
		Si	SOP/CLMM/XRF/01-05: Issue No.02 Issue Date. 2010	0.1 to 1.0

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Ferro Aluminium	Mn	SOP/CLMM/XRF/01-05: Issue No.02 Issue Date. 2010	0.1 to 1.0
		Cu	SOP/CLMM/XRF/01-05: Issue No.02 Issue Date. 2010	0.1 to 1.0
		Zn	SOP/CLMM/XRF/01-05: Issue No.02 Issue Date. 2010	0.05 to 1.0
		Pb	SOP/CLMM/XRF/01-05: Issue No.02 Issue Date. 2010	0.1 to 0.5
		Al	SOP/CLMM/ICP/01-05: Issue No.02 Issue Date. 2015	25.0 to 50.0
		Mn	SOP/CLMM/ICP/01-05: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Cu	SOP/CLMM/ICP/01-05: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Zn	SOP/CLMM/ICP/01-05: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Pb	SOP/CLMM/ICP/01-05: Issue No.02 Issue Date. 2015	0.01 to 0.5
		Sn	SOP/CLMM/ICP/01-05: Issue No.02 Issue Date. 2015	0.01 to 0.5
		Ti	SOP/CLMM/ICP/01-05: Issue No.02 Issue Date. 2015	0.01 to 0.5
		Fe	SOP/CLMM/ICP/01-05: Issue No.02 Issue Date. 2015	50.0 to 75.0

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
6.	Ferro Silico	Mg	IS 14529 (Part 2): 2004	1.0 to 25.0
	Magnesium	Si	IS 14529 (Part 2): 2004	40.0 to 60.0
		Ca	IS 14529 (Part 2): 2004	0.25 to 4.0
		Ce	IS 5425 (Part 1): 1984	0.1 to 2.0
		Mg	SOP/CLMM/XRF/01-06: Issue No.02 Issue Date. 2010	1.0 to 12.0
		Si	SOP/CLMM/XRF/01-06: Issue No.02 Issue Date. 2010	40.0 to 60.0
		Ca	SOP/CLMM/XRF/01-06: Issue No.02 Issue Date. 2010	0.3 to 4.0
		Ce	SOP/CLMM/XRF/01-06: Issue No.02 Issue Date. 2010	0.4 to 2.0
		La	SOP/CLMM/XRF/01-06: Issue No.02 Issue Date. 2010	0.1 to 1.5
		Al	SOP/CLMM/XRF/01-06: Issue No.02 Issue Date. 2010	0.5 to 1.5
		Mg	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.01 to 25.0
		Ca	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.01 to 4.0
		Al	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.10 to 1.5

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Ferro Silico Magnesium	Ce	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.01 to 2.0
		Pb	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.01 to 0.1
		Bi	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.01 to 0.1
		Sb	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.01 to 0.1
		Ti	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.01 to 0.15
		La	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.01 to 2.0
		Cr	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.01 to 0.10
		Mn	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Cu	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.005 to 0.10
		Ba	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.01 to 3.0
		Zr	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	0.01 to 0.1
		Fe	SOP/CLMM/ICP/01-06: Issue No.02 Issue Date. 2015	30.0 to 50.0

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7.	Ferro Silico	Zr	IS 15396: 2003	12.0 to 40.0
	Zirconium	Si	IS 15396: 2003	40.0 to 60.0
		С	ASTM E-1019-11(Leco)	0.01 to 0.50
		S	ASTM E-1019-11(Leco)	0.005 to 0.10
		Р	IS 1559: 1961 (RA 2002)	0.01 to 0.10
		Zr	SOP/CLMM/XRF/01-07: Issue No.02 Issue Date. 2010	12.0 to 40.0
		Si	SOP/CLMM/XRF/01-07: Issue No.02 Issue Date. 2010	40.0 to 60.0
		Al	SOP/CLMM/XRF/01-07: Issue No.02 Issue Date. 2010	0.3 to 1.50
		р	SOP/CLMM/XRF/01-07: Issue No.02 Issue Date. 2010	0.01 to 0.10
		Zr	SOP/CLMM/ICP/01-07: Issue No.02 Issue Date. 2015	12.0 to 50.0
		Al	SOP/CLMM/ICP/01-07: Issue No.02 Issue Date. 2015	0.03 to 8.50
		Cu	SOP/CLMM/ICP/01-07: Issue No.02 Issue Date. 2015	0.01 to 2.5
		Ti	SOP/CLMM/ICP/01-07: Issue No.02 Issue Date. 2015	0.01 to 1.0

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	Ferro Silico Zirconium	Ca	SOP/CLMM/ICP/01-07: Issue No.02 Issue Date. 2015	0.01 to 3.0
		Mn	SOP/CLMM/ICP/01-07: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Mg	SOP/CLMM/ICP/01-07: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Cr	SOP/CLMM/ICP/01-07: Issue No.02 Issue Date. 2015	0.01 to 1.0
8.	Nickel Magnesium	Ni	Minex Method SOP/ CLMM/01-04: Issue No.02 Issue Date. 2015	75.0 to 85.0
		Mg	Minex Method SOP/ CLMM/01-04: Issue No.02 Issue Date. 2015	14.0 to 20.0
		Fe	SOP/CLMM/AAS/01-02: Issue No.01 Issue Date. 2006	0.1 to 1.50
		Ni	SOP/CLMM/XRF/01-08: Issue No.02 Issue Date. 2010	75.0 to 85.0
		Mg	SOP/CLMM/XRF/01-08: Issue No.02 Issue Date. 2010	14.0 to 20.0
		Fe	SOP/CLMM/XRF/01-08: Issue No.02 Issue Date. 2010	0.02 to 1.50
		Ce	SOP/CLMM/XRF/01-08: Issue No.02 Issue Date. 2010	0.02 to 1.0

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	Nickel Magnesium	La	SOP/CLMM/XRF/01-08: Issue No.02 Issue Date. 2010	0.01 to 0.50
		Ni	SOP/CLMM/ICP/01-08: Issue No.02 Issue Date. 2015	70.0 to 85.0
		Mg	SOP/CLMM/ICP/01-08: Issue No.02 Issue Date. 2015	14.0 to 20.0
		Fe	SOP/CLMM/ICP/01-08: Issue No.02 Issue Date. 2015	0.01 to 1.50
		Ce	SOP/CLMM/ICP/01-08: Issue No.02 Issue Date. 2015	0.01 to 1.50
		Zr	SOP/CLMM/ICP/01-08: Issue No.02 Issue Date. 2015	0.01 to 1.0
9.	Ferro	Si	IS 1559: 1961 (RA 2002)	55.0 to 85.0
	Manganese High Carbon	С	ASTME-1019-11(Leco)	6.0 to 10.0
		Mn	IS 1559: 1961 (RA2002)	0.2 to 3.0
		S	ASTM E-1019-11(Leco)	0.005 to 0.30
		Р	IS 1559: 1961 (RA 2002)	0.01 to 0.5
		Mn	SOP/CLMM/ICP/01-17: Issue No.02 Issue Date. 2015	55.0 to 85.0
		Ti	SOP/CLMM/ICP/01-17: Issue No.02 Issue Date. 2015	0.01 to 1.0

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6. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Ferro Manganese Lich Corbon	Ni	SOP/CLMM/ICP/01-17: Issue No.02 Issue Date. 2015	0.01 to 1.0
	High Carbon	Al	SOP/CLMM/ICP/01-17: Issue No.02 Issue Date. 2015	0.01 to 5.0
		Со	SOP/CLMM/ICP/01-17: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Cu	SOP/CLMM/ICP/01-17: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Cr	SOP/CLMM/ICP/01-17: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Ca	SOP/CLMM/ICP/01-17: Issue No.02 Issue Date. 2015	0.01 to 2.0
		Mg	SOP/CLMM/ICP/01-17: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Fe	SOP/CLMM/ICP/01-17: Issue No.02 Issue Date. 2015	15.0 to 40.0
10.	Ferro Manganese Low Carbon	Mn	IS 1559 (Sec III): 1961 (RA 2002)	65.0 to 85.0
	Low Carbon	С	ASTME-1019-11 (Leco)	0.01 to 3.0
		S	ASTM E-1019-11 (Leco)	0.005 to 0.30
		Si	IS 1559 (Sec III): 1961 (RA 2002)	0.1 to 3.0
		Р	IS 1559 (Sec III): 1961 (RA 2002)	0.01 to 0.5

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	Ferro Manganese Low Carbon	Mn	SOP/CLMM/ICP/01-18: Issue No.02 Issue Date. 2015	55.0 to 85.0
		Ti	SOP/CLMM/ICP/01-18: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Ni	SOP/CLMM/ICP/01-18: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Al	SOP/CLMM/ICP/01-18: Issue No.02 Issue Date. 2015	0.01 to 5.0
		Со	SOP/CLMM/ICP/01-18: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Cu	SOP/CLMM/ICP/01-18: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Cr	SOP/CLMM/ICP/01-18: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Ca	SOP/CLMM/ICP/01-18: Issue No.02 Issue Date. 2015	0.01 to 2.0
		Mg	SOP/CLMM/ICP/01-18: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Fe	SOP/CLMM/ICP/01-18: Issue No.02 Issue Date. 2015	15.0 to 40.0
11.	Ferro Chrom Lc & Hc	Cr	IS 1559 (Sec II): 1961 (RA 2002)	60.0 to 75
		Si	IS 1559 (Sec II): 1961 (RA 2002)	0.2 to 3.0

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	Ferro Chrom Lc & Hc	С	ASTME-1019-11 (Leco)	0.01 to 3.0 6.0 to 9.0
		S	ASTM E-1019-11 (Leco)	0.005 to 0.30
		Р	IS 1559 (Sec II): 1961 (RA 2002)	0.01 to 0.05
		Cr	SOP/CLMM/ICP/01-19: Issue No.02 Issue Date. 2015	60.0 to 75
		Mn	SOP/CLMM/ICP/01-19: Issue No.02 Issue Date. 2015	0.01 to 3.0
		Ti	SOP/CLMM/ICP/01-19: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Cu	SOP/CLMM/ICP/01-19: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Ni	SOP/CLMM/ICP/01-19: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Al	SOP/CLMM/ICP/01-19: Issue No.02 Issue Date. 2015	0.01 to 5.0
		Fe	SOP/CLMM/ICP/01-19: Issue No.02 Issue Date. 2015	10.0 to 30.0
12.	Plain Steel	С	ASTM E-1019-11(Leco)	0.01 to 1.50
		S	ASTM E-1019-11(Leco)	0.005 to 0.30
		Si	IS 228 (Part 8): 1989 (RA 2004)	0.05 to 0.5
		Р	IS 228 (Part 3): 1874 (RA 2002)	0.01 to 1.0

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	Plain Steel	Mn	IS 228 (Part 2): 1987 (RA 2002)	0.1 to 2.0
		Mn	SOP/CLMM/AAS/01-17: Issue No.01 Issue Date. 2006	0.05 to 2.0
		Ni	SOP/CLMM/AAS/01-14: Issue No.01 Issue Date. 2006	0.05 to 2.0
		Cu	SOP/CLMM/AAS/01-05 Issue No.01 Issue Date. 2006	0.05 to 2.0
		Mn	SOP/CLMM/AAS/01-05: Issue No.01 Issue Date. 2006	0.01 to 2.0
		Cr	SOP/CLMM/ICP/01-20: Issue No.02 Issue Date. 2015	0.01 to 5.0
		Мо	SOP/CLMM/ICP/01-20: Issue No.02 Issue Date. 2015	0.01 to 2.0
		Ni	SOP/CLMM/ICP/01-20: Issue No.02 Issue Date. 2015	0.01 to 2.0
		Al	SOP/CLMM/ICP/01-20: Issue No.02 Issue Date. 2015	0.01 to 2.0
		As	SOP/CLMM/ICP/01-20: Issue No.02 Issue Date. 2015	0.01 to 0.50
		Cu	SOP/CLMM/ICP/01-20 Issue No.02 Issue Date. 2015	0.01 to 0.5
		Mn	SOP/CLMM/ICP/01-20 Issue No.02 Issue Dt. 2015	0.01 to 2.0

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	Plain Steel	V	SOP/CLMM/ICP/01-20 Issue No.02 Issue Date. 2015	0.01 to 2.0
13.	Aluminium Alloys	Cu	IS 504 (Part 3): 2002	5.0 to 20.0 45.0 to 55.0
		Fe	IS 504 (Part 2): 2002	4.0 to 6.0
		Mn	IS 504 (Part 5): 2002	0.01 to 12.0
		Si	IS 504 (Part 1): 2002	0.3 to 55.0
		Ni	IS 504 (Part 1): 2002	0.01 to 1.5
		Mg	IS 504 (Part 7): 2002	1.0 to 12.0
		Sr	Minex Method/SOP/CLMM/01- 05:Issue No.02 Issue Date. 2015	1.00 to 12.0
		Ti	IS 504 (Part 11): 2002	3.0 to 12.0
		Cu	SOP/CLMM/AAS/01-05: Issue No.01 Issue Date. 2006	0.01 to 4.0
		Fe	SOP/CLMM/AAS/01-02: Issue No.01 Issue Date. 2006	0.01 to 4.0
		Zn	SOP/CLMM/AAS/01-06: Issue No.01 Issue Date. 2006	0.01 to 3.0
		Mg	SOP/CLMM/AAS/01-09: Issue No.01 Issue Date. 2006	0.01 to 1.5
		Mn	SOP/CLMM/AAS/01-17: Issue No.01 Issue Date. 2006	0.01 to 1.0

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	Aluminium Alloys	Ni	SOP/CLMM/AAS/01-14: Issue No.01 Issue Date. 2006	0.01 to 1.0
		Cu	SOP/CLMM/XRF/01-09: Issue No.02 Issue Date. 2010	0.01 to 6.0
		Fe	SOP/CLMM/XRF/01-09: Issue No.02 Issue Date. 2010	0.01 to 6.0
		Zn	SOP/CLMM/XRF/01-09: Issue No.02 Issue Date. 2010	0.01 to 3.0
		Ti	SOP/CLMM/XRF/01-09: Issue No.02 Issue Date. 2010	0.05 to 12.0
		Mg	SOP/CLMM/XRF/01-09: Issue No.02 Issue Date. 2010	0.02 to 1.5
		Mn	SOP/CLMM/XRF/01-09: Issue No.02 Issue Date. 2010	0.2 to 1.0
		Pb	SOP/CLMM/XRF/01-09: Issue No.02 Issue Date. 2010	0.02 to 0.3
		Si	SOP/CLMM/XRF/01-09: Issue No.02 Issue Date. 2010	0. 1 to 6.0
		Ni	SOP/CLMM/XRF/01-09: Issue No.02 Issue Date. 2010	0.02 to 1.0
		Sn	SOP/CLMM/XRF/01-09: Issue No.02 Issue Date. 2010	0.05 to 0.5
		Cu	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 6.0

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	Aluminium Alloys	Fe	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 6.0
		Zn	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 40.0
		Ti	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 10.0
		Mg	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 15.0
		Mn	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 10.0
		Pb	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 1.0
		Ni	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 10.0
		Sn	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 0.5
		В	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 10.0
		Sr	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 10.0
		Ca	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 7.0
		Cr	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 6.0

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	Aluminium Alloys	V	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 0.50
		Zr	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 10.0
		Со	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 0.50
		Мо	SOP/CLMM/ICP/01-09: Issue No.02 Issue Date. 2015	0.01 to 0.50
14.	Ferro Molybdenum	Мо	Minex Method/SOP/ CLMM/01-11: Issue No.02 Issue Date. 2015	50.0 to 70.0
		Si	IS 1559: 1961 (RA 2002)	0.5 to 3.0
		Al	Minex Method/SOP/ CLMM/01-10: Issue No.02 Issue Date. 2015	0.05 to 2
		С	ASTM E-1019-3(Leco)	0.01 to 0.30
		S	ASTM E-1019-3(Leco)	0.005 to 0.05
		Р	Minex Method/SOP/ CLMM/01-09: Issue No.02 Issue Date. 2015	0.01 to 0.05
		Мо	SOP/CLMM/XRF/01-13: IssueNo.02 IssueDate. 2010	50.0 to 70.0
		Si	SOP/CLMM/XRF/01-13: IssueNo.02 IssueDate. 2010	0.5 to 3.0

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	Ferro Molybdenum	Al	SOP/CLMM/XRF/01-13: IssueNo.02 IssueDate. 2010	0.05 to 2
		Р	SOP/CLMM/XRF/01-13: IssueNo.02 IssueDate. 2010	0.01 to 0.05
		Мо	SOP/CLMM/ICP/01-13: Issue No.02 Issue Date. 2015	50.0 to 70.0
		Al	SOP/CLMM/ICP/01-13: Issue No.02 Issue Date. 2015	0.05 to 2
		Cu	SOP/CLMM/ICP/01-13: Issue No.02 Issue Date. 2015	0.01 to 2
		Ni	SOP/CLMM/ICP/01-13: Issue No.02 Issue Date. 2015	0.05 to 2
		Cr	SOP/CLMM/ICP/01-13: Issue No.02 Issue Date. 2015	0.01 to 2
		Со	SOP/CLMM/ICP/01-13: Issue No.02 Issue Date. 2015	0.01 to 2
15.	Ferro Vanadium	V	ASTM E 365-99	45.0 to 85.0
		Si	IS 1559: 1961 (RA 2002)	0.5 to 8.0
		Al	IS 1559: 1961 (RA 2002)	0.05 to 5
		С	ASTM E-1019-3 (Leco)	0.01 to 0.50
		S	ASTM E-1019-3 (Leco)	0.005 to 0.5
		Р	IS 1559: 1961 (RA 2002)	0.01 to 0.5

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	Ferro Vanadium	V	SOP/CLMM/XRF/01-14: IssueNo.01 IssueDate. 2011	45.0 to 85.0
		Si	SOP/CLMM/XRF/01-14: IssueNo.01 IssueDate. 2011	0.5 to 8.0
		Al	SOP/CLMM/XRF/01-14: IssueNo.01 IssueDate. 2011	0.05 to 5.0
		Р	SOP/CLMM/XRF/01-14: IssueNo.01 IssueDate. 2011	0.01 to 0.5
		V	SOP/CLMM/ICP/01-14: Issue No.02 Issue Date. 2015	45.0 to 85.0
		Al	SOP/CLMM/ICP/01-14: Issue No.02 Issue Date. 2015	0.1 to 5
16.	Ferro Niobium	Nb	Minex Method/SOP/ CLMM/01-13: Issue No.01 Issue Date. 2015	50.0 to 70.0
		Al	Minex Method/SOP/ CLMM/01-07: Issue No.02 Issue Date. 2015	0.05 to 5.0
		С	ASTM E-1019-3(Leco)	0.01 to 0.50
		S	ASTM E-1019-3(Leco)	0.005 to 0.5
		Р	Minex Method/SOP/ CLMM/01-08: Issue No.02 Issue Date. 2015	0.01 to 0. 5
		Ti	ASTM-E-367-03	0.10 to 1.0

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	Ferro Niobium	Nb	SOP/CLMM/XRF/01-15 Issue No. 01 Issue Date 2011	50.0 to 70.0
		Si	SOP/CLMM/XRF/01-15 Issue No. 01 Issue Date 2011	0.5 to 8.0
		Al	SOP/CLMM/XRF/01-15 Issue No. 01 Issue Date 2011	0.05 to 5.0
		Ta	SOP/CLMM/XRF/01-15 Issue No. 01 Issue Date 2011	0.05 to 8.0
		Р	SOP/CLMM/XRF/01-15 Issue No. 01 Issue Date 2011	0.01 to 0.5
		Sn	SOP/CLMM/XRF/01-15 Issue No. 01 Issue Date 2011	0.10 to 5.0
		Ti	SOP/CLMM/XRF/01-15 Issue No. 01 Issue Date 2011	0.10 to 2.0
		Nb	SOP/CLMM/ICP/01-15 Issue No. 02 Issue Date 2015	50.0 to 70.0
		Al	SOP/CLMM/ICP/01-15 Issue No. 02 Issue Date 2015	0.05 to 5.0
		Та	SOP/CLMM/ICP/01-15 Issue No. 02 Issue Date 2015	0.05 to 8.0
		Sn	SOP/CLMM/ICP/01-15 Issue No. 02 Issue Date 2015	0.010 to 5.0
		Ti	SOP/CLMM/ICP/01-15 Issue No. 02 Issue Date 2015	0.010 to 1.0

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	Ferro Niobium	Со	SOP/CLMM/ICP/01-15 Issue No. 02 Issue Date 2015	0.005 to 0.5
17.	Ferro Silicon	Si	IS 1559 (Part 1): 1988	55.0 to 80.0
	Alloys	Zr	IS 15396: 2003	1.0 to 5.0
		Ba	Minex Method/SOP/ CLMM/01-14: Issue No.01 Issue Date. 2015	0.5 to 8.0
		Mn	Minex Method/SOP/ CLMM/01-14: Issue No.01 Issue Date. 2015	0.10 to 5.0
		Ca	IS 1559 (Part 4): 1982	0.20 to 5.0
		Al	IS 1559 (Part 5): 1988	0.20 to 5.0
		Si	SOP/CLMM/XRF/01-16: IssueNo.01 IssueDate. 2011	55 to 80.0
		Zr	SOP/CLMM/XRF/01-16: IssueNo.01 IssueDate. 2011	0.01 to 5.0
		Ba	SOP/CLMM/XRF/01-16: IssueNo.01 IssueDate. 2011	0.01 to 8.0
		Mn	SOP/CLMM/XRF/01-16: IssueNo.01 IssueDate. 2011	0.01 to 5.0
		Ca	SOP/CLMM/XRF/01-16: IssueNo.01 IssueDate. 2011	0.01 to 5.0
		Al	SOP/CLMM/XRF/01-16: IssueNo.01 IssueDate. 2011	0.010 to 5.0

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	Ferro Silicon Alloys	Sr	SOP/CLMM/XRF/01-16: IssueNo.01 IssueDate. 2011	0.01 to 2.0
		Zr	SOP/CLMM/ICP/01-16: IssueNo.02 Issue Date. 2015	0.01 to 5.0
		Ba	SOP/CLMM/ICP/01-16: IssueNo.02 Issue Date. 2015	0.01 to 8.0
		Mn	SOP/CLMM/ICP/01-16: IssueNo.02 Issue Date. 2015	0.01 to 5.0
		Ca	SOP/CLMM/ICP/01-16: IssueNo.02 Issue Date. 2015	0.01 to 5.0
		Al	SOP/CLMM/ICP/01-16: IssueNo.02 Issue Date. 2015	0.010 to 5.0
		Sr	SOP/CLMM/ICP/01-16: IssueNo.02 Issue Date. 2015	0.01 to 2.0
18.	Silicon Metal	Al	SOP/CLMM/ICP/01-21: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Mg	SOP/CLMM/ICP/01-21: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		Ca	SOP/CLMM/ICP/01-21: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Fe	SOP/CLMM/ICP/01-21: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Mn	SOP/CLMM/ICP/01-21: IssueNo.01 Issue Date. 2015	0.005 to 2.0

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	Silicon Metal	Cu	SOP/CLMM/ICP/01-21: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Ni	SOP/CLMM/ICP/01-21: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		Ti	SOP/CLMM/ICP/01-21: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Pb	SOP/CLMM/ICP/01-21: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		V	SOP/CLMM/ICP/01-21: IssueNo.01 Issue Date. 2015	0.01 to 2.0
19.	Magnesium Metal & Alloy	Al	SOP/CLMM/ICP/01-22: IssueNo.01 Issue Date. 2015	0.01 to 12
		Ca	SOP/CLMM/ICP/01-22: IssueNo.01 Issue Date. 2015	0.01 to 0.5
		Fe	SOP/CLMM/ICP/01-22: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		Zn	SOP/CLMM/ICP/01-22: IssueNo.01 Issue Date. 2015	0.01 to 1.0
		Mn	SOP/CLMM/ICP/01-22: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Cu	SOP/CLMM/ICP/01-22: IssueNo.01 Issue Date. 2015	0.01 to 0.50
		Ni	SOP/CLMM/ICP/01-22: IssueNo.01 Issue Date. 2015	0.005 to 0.50

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	Magnesium Metal & Alloy	Pb	SOP/CLMM/ICP/01-22: IssueNo.01 Issue Date. 2015	0.005-0.50
		Ag	SOP/CLMM/ICP/01-22: IssueNo.01 Issue Date. 2015	0.005-0.50
		Cd	SOP/CLMM/ICP/01-22: IssueNo.01 Issue Date. 2015	0.01 to 0.50
		Ti	SOP/CLMM/ICP/01-22: IssueNo.01 Issue Date. 2015	0.01 to 0.50
		Zr	SOP/CLMM/ICP/01-22: IssueNo.01 Issue Date. 2015	0.0050 to 1.0
20.	Titanium Metal & Alloys	V	SOP/CLMM/ICP/01-23: IssueNo.01 Issue Date. 2015	0.01 to 6.0
		Al	SOP/CLMM/ICP/01-23: IssueNo.01 Issue Date. 2015	0.01 to 12.0
		Fe	SOP/CLMM/ICP/01-23: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		Cu	SOP/CLMM/ICP/01-23: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Ni	SOP/CLMM/ICP/01-23: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Cr	SOP/CLMM/ICP/01-23: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Мо	SOP/CLMM/ICP/01-23: IssueNo.01 Issue Date. 2015	0.01 to 2.0

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	Titanium Metal & Alloys	Mn	SOP/CLMM/ICP/01-23: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		Zr	SOP/CLMM/ICP/01-23: IssueNo.01 Issue Date. 2015	0.01 to 2.0
21.	Zinc Metal & Alloys	Al	SOP/CLMM/ICP/01-24: IssueNo.01 Issue Date. 2015	0.005 to 12.0
		As	SOP/CLMM/ICP/01-24: IssueNo.01 Issue Date. 2015	0.01 to 1.0
		Fe	SOP/CLMM/ICP/01-24: IssueNo.01 Issue Date. 2015	0.05 to 1.0
		Cu	SOP/CLMM/ICP/01-24: IssueNo.01 Issue Date. 2015	0.005 to 3.0
		Mg	SOP/CLMM/ICP/01-24: IssueNo.01 Issue Date. 2015	0.01 to 1.0
		Mn	SOP/CLMM/ICP/01-24: IssueNo.01 Issue Date. 2015	0.01 to 1.0
		Ni	SOP/CLMM/ICP/01-24: IssueNo.01 Issue Date. 2015	0.005 to 1.0
		Pb	SOP/CLMM/ICP/01-24: IssueNo.01 Issue Date. 2015	0.01 to 3.0
		Sn	SOP/CLMM/ICP/01-24: IssueNo.01 Issue Date. 2015	0.01 to 3.0
		Cd	SOP/CLMM/ICP/01-24: IssueNo.01 Issue Date. 2015	0.005 to 1.0

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22.	Iron Powder	Mn	SOP/CLMM/ICP/01-25: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Cr	SOP/CLMM/ICP/01-25: IssueNo.01 Issue Date. 2015	0.01 to 2.00
		Мо	SOP/CLMM/ICP/01-25: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Ni	SOP/CLMM/ICP/01-25: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		Al	SOP/CLMM/ICP/01-25: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Cu	SOP/CLMM/ICP/01-25: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Со	SOP/CLMM/ICP/01-25: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Mg	SOP/CLMM/ICP/01-25: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		Ti	SOP/CLMM/ICP/01-25: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		V	SOP/CLMM/ICP/01-25: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		Zn	SOP/CLMM/ICP/01-25: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Zr	SOP/CLMM/ICP/01-25: IssueNo.01 Issue Date. 2015	0.005 to 2.0

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23.	Calcium Metal	Al	SOP/CLMM/ICP/01-26: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		Mg	SOP/CLMM/ICP/01-26: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Fe	SOP/CLMM/ICP/01-26: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		Mn	SOP/CLMM/ICP/01-26: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		Cd	SOP/CLMM/ICP/01-26: IssueNo.01 Issue Date. 2015	0.01 to 1.0
		Cu	SOP/CLMM/ICP/01-26: IssueNo.01 Issue Date. 2015	0.01 to 0.5
		Cr	SOP/CLMM/ICP/01-26: IssueNo.01 Issue Date. 2015	0.005 to 0.5
		Ni	SOP/CLMM/ICP/01-26: IssueNo.01 Issue Date. 2015	0.005 to 0.5
		Bi	SOP/CLMM/ICP/01-26: IssueNo.01 Issue Date. 2015	0.005 to 0.5
		Pb	SOP/CLMM/ICP/01-26: IssueNo.01 Issue Date. 2015	0.005 to 0.5
		Sr	SOP/CLMM/ICP/01-26: IssueNo.01 Issue Date. 2015	0.01 to 0.5
		Zn	SOP/CLMM/ICP/01-26: IssueNo.01 Issue Date. 2015	0.005 to 0.5

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	Calcium Metal	Ba	SOP/CLMM/ICP/01-26: IssueNo.01 Issue Date. 2015	0.005 to 0.5
24.	Lead Metal & Alloys	Ag	SOP/CLMM/ICP/01-27: IssueNo.01 Issue Date. 2015	0.005 to 6.0
		As	SOP/CLMM/ICP/01-27: IssueNo.01 Issue Date. 2015	0.005 to 1.0
		Al	SOP/CLMM/ICP/01-27: IssueNo.01 Issue Date. 2015	0.01 to 0.50
		Bi	SOP/CLMM/ICP/01-27: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		Cd	SOP/CLMM/ICP/01-27: IssueNo.01 Issue Date. 2015	0.01 to 1.0
		Cu	SOP/CLMM/ICP/01-27: IssueNo.01 Issue Date. 2015	0.005 to 0.50
		Fe	SOP/CLMM/ICP/01-27: IssueNo.01 Issue Date. 2015	0.005 to 0.50
		Mn	SOP/CLMM/ICP/01-27: IssueNo.01 Issue Date. 2015	0.005 to 0.50
		Ni	SOP/CLMM/ICP/01-27: IssueNo.01 Issue Date. 2015	0.005 to 0.50
		Sn	SOP/CLMM/ICP/01-27: IssueNo.01 Issue Date. 2015	0.005 to 2.0
		Sb	SOP/CLMM/ICP/01-27: IssueNo.01 Issue Date. 2015	0.01 to 12.0

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	Lead Metal & Alloys	Zn	SOP/CLMM/ICP/01-27: IssueNo.01 Issue Date. 2015	0.005 to 0.50
		Со	SOP/CLMM/ICP/01-27: IssueNo.01 Issue Date. 2015	0.01 to 0.50
25.	Caalfe/Cafe Cored Wire	Ca	Minex Method/SOP/ CLMM /01-15: Issue No.02 Issue Date. 2015	20 to 45
		Al	Minex Method/SOP/ CLMM /01-15: Issue No.02 Issue Date. 2015	0.001 to 30
		Fe	Minex Method/SOP/ CLMM /01-15: Issue No.02 Issue Date. 2015	25.0 to 75.0
		Mg	SOP/CLMM/ICP/01-30: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Mn	SOP/CLMM/ICP/01-30: IssueNo.01 Issue Date. 2015	0.01 to 2.0
		Ti	SOP/CLMM/ICP/01-30: IssueNo.01 Issue Date. 2015	0.01 to 2.0
26.	Fesimg Cored Wire	Mg	IS 14529 (Part 2): 2004 Minex Method/SOP/ CLMM/01-16: Issue No.01 Issue Date. 2015 SOP/CLMM /XRF/01-17 : Issue No.01 Issue Date. 2015	15.0 to 45

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	Fesimg Cored Wire	Si	IS 14529 (Part 2): 2004 Minex Method/SOP/ CLMM/01-16: Issue No.01 Issue Date. 2015 SOP/CLMM /XRF/01-17 : Issue No.01 Issue Date. 2015	30.0 to 50.0
		Ca	IS 14529 (Part 2): 2004 Minex Method/SOP/ CLMM/01-16: Issue No.01 Issue Date. 2015 SOP/CLMM /XRF/01-17 : Issue No.01 Issue Date. 2015	0.5 to 5.0
		Ce	IS 5425 (Part 1): 1984 SOP/CLMM /XRF/01-17: Issue No.01 Issue Date. 2015 SOP/CLMM /ICP/01-31: IssueNo.01 Issue Date. 2015	0.5 to 5.0
		La	SOP/CLMM /XRF/01-17: Issue No.01 Issue Date. 2015 SOP/CLMM /ICP/01-31: IssueNo.01 Issue Date. 2015	0.1 to 2.5
		Al	SOP/CLMM /XRF/01-17: Issue No.01 Issue Date. 2015 SOP/CLMM /ICP/01-31: IssueNo.01 Issue Date. 2015	0.2 to 1.5

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II.	ORES & MINERA	LS		
1.	Manganese	Mn	IS 1473: 2004	10.0 to 60.0
	Ores	Fe	IS 1473: 2004	1.0 to 35.0
		SiO ₂	IS 1473: 2004	2.0 to 45.0
		Al ₂ O ₃	IS 1473: 2004	1.0 to 10.0
		TiO ₂	IS 1473: 2004	0.05 to 1.0
		Р	IS 1473: 2004	0.01 to 1.0
		BaO	IS 1473: 2004	0.01 to 3.0
		CaO	IS 1473: 2004	0.20 to 3.0
		Mn	SOP/CLMM/XRF/01-10: IssueNo.02 IssueDate. 2010	10.0 to 60.0
		Fe	SOP/CLMM/XRF/01-10: IssueNo.02 IssueDate. 2010	1.0 to 35.0
		SiO ₂	SOP/CLMM/XRF/01-10: IssueNo.02 IssueDate. 2010	2.0 to 45.0
		Al_2O_3	SOP/CLMM/XRF/01-10: IssueNo.02 IssueDate. 2010	1.0 to 10.0
		TiO ₂	SOP/CLMM/XRF/01-10: IssueNo.02 IssueDate. 2010	0.05 to 1.0
		Р	SOP/CLMM/XRF/01-10: IssueNo.02 IssueDate. 2010	0.10 to 1.0

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	Manganese Ores	BaO	SOP/CLMM/XRF/01-10: IssueNo.02 IssueDate. 2010	0.10 to 2.0
		CaO	SOP/CLMM/XRF/01-10: IssueNo.02 IssueDate. 2010	0.10 to 3.0
		MgO	SOP/CLMM/XRF/01-10: IssueNo.02 IssueDate. 2010	0.10 to 2.0
		Mn	SOP/CLMM/ICP/01-10: Issue No.02 Issue Date. 2015	10.0 to 60.0
		Fe	IS 1493: 1959 (RA 2001) SOP/CLMM/ICP/01-10: Issue No.02 Issue Date. 2015	15.0 to 65.0 0.05 to 35.0
		Al ₂ O ₃	SOP/CLMM/ICP/01-10: Issue No.02 Issue Date. 2015	0.05 to 10.0
		TiO ₂	SOP/CLMM/ICP/01-10: Issue No.02 Issue Date. 2015	0.05 to 1.0
		BaO	SOP/CLMM/ICP/01-10: Issue No.02 Issue Date. 2015	0.01 to 3.0
		CaO	SOP/CLMM/ICP/01-10: Issue No.02 Issue Date. 2015	0.20 to 3.0
		MgO	SOP/CLMM/ICP/01-10: Issue No.02 Issue Date. 2015	0.01 to 2.0
2.	Iron Ores	Fe	IS 1493: 1959 (RA 2001)	15.0 to 65.0
		SiO ₂	IS 1493: 1959 (RA 2001)	1.0 to 60.0
		Al ₂ O ₃	IS 1493: 1959 (RA 2001)	0.5 to 10.0

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	Iron Ores	Mn	IS 1493: 1959 (RA 2001)	0.01 to 0.50
		TiO ₂	IS 1493: 1959 (RA 2001)	0.01 to 25.0
		MgO	IS 1493: 1959 (RA 2001)	0.01 to 1.0
		CaO	IS 1493: 1959 (RA 2001)	0.01 to 2
		Р	IS 1493: 1959 (RA 2001)	0.01 to 1.0
		Fe	SOP/CLMM/XRF/01-11: IssueNo.02 IssueDate. 2010	10.0 to 69.0
		SiO ₂	SOP/CLMM/XRF/01-11: IssueNo.02 IssueDate. 2010	0.2 to 45.0
		Al ₂ O ₃	SOP/CLMM/XRF/01-11: IssueNo.02 IssueDate. 2010	0.2 to 15.0
		Mn	SOP/CLMM/XRF/01-11: IssueNo.02 IssueDate. 2010	0.05 to 1.0
		TiO ₂	SOP/CLMM/XRF/01-11: IssueNo.02 IssueDate. 2010	0.01 to 25.0
		MgO	SOP/CLMM/XRF/01-11: IssueNo.02 IssueDate. 2010	0.01 to 3.0
		CaO	SOP/CLMM/XRF/01-11: IssueNo.02 IssueDate. 2010	0.02 to 20.0
		Р	SOP/CLMM/XRF/01-11: IssueNo.02 IssueDate. 2010	0.01 to 2.0
		Fe	SOP/CLMM/ICP/01-11: Issue No.02 Issue Date. 2015	10.0 to 65.0

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	Iron Ores	Al ₂ O ₃	SOP/CLMM/ICP/01-11: Issue No.02 Issue Date. 2015	0.05 to 10.0
		Mn	SOP/CLMM/ICP/01-11: Issue No.02 Issue Date. 2015	0.005 to 1.0
		TiO ₂	SOP/CLMM/ICP/01-11: Issue No.02 Issue Date. 2015	0.001 to 20.0
		MgO	SOP/CLMM/ICP/01-11: Issue No.02 Issue Date. 2015	0.001 to 3.0
		CaO	SOP/CLMM/ICP/01-11: Issue No.02 Issue Date. 2015	0.002 to 10.0
3.	Limestone Dolomite	SiO ₂	IS 1760 (Part 3): 1991 (RA 2001)	1.0 to 55
		Al ₂ O ₃	IS 1760 (Part 3): 1991 (RA 2001)	0.01 to 15
		Fe ₂ O ₃	IS 1760 (Part 3): 1991 (RA 2001)	0.5 to 5.0
		CaO	IS 1760 (Part 3): 1991 (RA 2001)	10.0 to 55.0
		MgO	IS 1760 (Part 3): 1991 (RA 2001)	0.2 to 25.0
		P ₂ O ₅	Minex Method/SOP/CLMM/01- 00: Issue No.02 Issue Date. 2015	0.05 to 1.0
		LOI	IS:1760 (Part 1): 1991 (RA 2001)	10.0 to 45.0

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	Limestone Dolomite	SiO ₂	SOP/CLMM/XRF/01-12: IssueNo.02 IssueDate. 2010	1.0 to 55.0
		Al ₂ O ₃	SOP/CLMM/XRF/01-12: IssueNo.02 IssueDate. 2010	0.01 to 15
		Fe ₂ O ₃	SOP/CLMM/XRF/01-12: IssueNo.02 IssueDate. 2010	0.5 to 5.0
		CaO	SOP/CLMM/XRF/01-12: IssueNo.02 IssueDate. 2010	10.0 to 55.0
		MgO	SOP/CLMM/XRF/01-12: IssueNo.02 IssueDate. 2010	0.2 to 25.0
		P ₂ O ₅	SOP/CLMM/XRF/01-12: IssueNo.02 IssueDate. 2010	0.05 to 1.0
		Al ₂ O ₃	SOP/CLMM/ICP/01-12: Issue No.02 Issue Date. 2015	0.01 to 15
		Fe ₂ O ₃	SOP/CLMM/ICP/01-12: Issue No.02 Issue Date. 2015	0.5 to 5.0
		CaO	SOP/CLMM/ICP/01-12: Issue No.02 Issue Date. 2015	10.0 to 56.0
		MgO	SOP/CLMM/ICP/01-12: Issue No.02 Issue Date. 2015	0.2 to 25.0

	oratory editation Standa	Industrial Area, Hing	Chemical Laboratory, Minex Metallurgical Co. Ltd., D-41/42, MIDC Industrial Area, Hingna Road, Nagpur, Maharashtra ISO/IEC 17025: 2005			
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III.	COAL, COKE & O	OTHER SOLID FUEL				
1.	Coke/Cpc/ Graphite	Moisture	IS 1350 (Part 1): 1984 (RA 2002)	0.01 to 5	i	
		VM	IS 1350 (Part 1): 1984 (RA 2002) IS 1448 (Part 134): 1989 (RA 2007)	0.1 to 25	i	
		Ash	IS 1350 (Part 1): 1984 (RA 2002)	0.1 to 50	0.0	
		FC	IS 1350 (Part 1): 1984 (RA 2002)	50 to 99	.50	
		S	IS 1350 (Part 3): 1969 (RA 2000)	0.01 to 5	5.0	
		Р	IS 1350 (Part 5): 1979 (RA 2001)	0.01 to 1	.0	