

# **SPECIFICATION OF INDUSTRIAL CONSUMABLES**

## **LADLE COVERING COMPOUND (ALUMINIUM BASE RADEX)**

PHYSICAL PROPERTIES		CHEMICAL PROPERTIES	
L.O.I:	10% MAX.	<b>(ON CALCINED BASIS)</b>	
EXPANSION:	3 MIN. ( CC/GM) 0	Al2O3:	65% MIN.

## **METALLURGICAL COKE (LOW ASH)**

PHYSICAL PROPERTIES		CHEMICAL PROPERTIES	
PRODUCT SIZE (MM):	0-5	FIXED CARBON:	78% MIN.
		ASH:	20% MAX.
		VOLATILE MATTER:	2% MAX.
		PHOSPHOROUS:	0.07% MAX.
		SULPHUR:	0.75% MAX.
		MOISTURE:	8% MAX.

## **CALCINED PETROLEUM COKE**

PHYSICAL PROPERTIES		CHEMICAL PROPERTIES	
PRODUCT SIZE (MM):	(0-3)/(0-25)	FIXED CARBON:	98.5% MIN
		S:	1 % MAX
		MOISTURE:	0.5% MAX
		VM:	0.5% MAX
		ASH:	0.5%

## **TEMPERATURE PROBES & SAMPLER**

OXYGEN PROBE, 0 TO 1999 PPM, TYPE - S, FITTED WITH PAPER TUBE, LENTH OF ASSEMBLY: 1500MM FOR EAF.
OXYGEN PROBE, 0 TO 1999PPM,TYPE -R, FITTED WITH PAPER TUBE, LENTH OF ASSEMBLY: 1500MM FOR EAF.
SAMPLER WITH AL. DE - OXIDANT, IN OVAL SHAPE, FITTED WITH PAPER TUBE, LENGTH OF ASSEMBLY: 1500MM FOR EAF.
TEMPERATURE TIPS, TYPE: S/R. LENGTH OF ASSEMBLY: 900MM/1200MM/1500MM.

## **SYNTHETIC SLAG 100 % METALLISED**

PHYSICAL PROPERTIES		CHEMICAL PROPERTIES	
PRODUCT SIZE (MM):	10-50 MM	FREE AL :	(10-15) % MIN
		CaO:	20-25% MIN
		Al2O3:	28-32% MIN
		SiO2:	4 % MAX
		TiO2:	3% MAX
		MOISTURE:	0.5%

## **CERAMIC FIBRE BLANKETS**

PHYSICAL PROPERTIES	
PRODUCT SIZE (MM)	610 MM W * 7300 MM L * 25 /50 MM T
DENSITY	64 TO 128 Kg/M3
TEMPERATURE	1425. C. MAX.

### **CERAMIC FIBRE PAPER**

<b>PHYSICAL PROPERTIES</b>	
PRODUCT SIZE (MM):	1000 MM L*1000 MM W*1- 3 MM THK.
DENSITY:	150-210 Kg/M3
GRADE:	1425. C. MAX.

### **CERAMIC WOOL**

<b>PHYSICAL PROPERTIES</b>	
GRADE:	UPTO 1425 DEG. C. MAX.

### **LANCING PIPE**

<b>PHYSICAL PROPERTIES</b>				
PRODUCT SIZE (MM):	1" BEDA LANCE PIPE FRONT EAF	OD:	33.80 - 33.20 MM	
		THICKNESS:	2.60 MM (+ 0/-10%)	
		LENGTH:	6 MTR	
	17 MM EBT LANCE PIPE TOP / BOTTOM EAF	OD:	17.10-16.70MM	
		THICKNESS:	2.20	
		LENGTH:	6 MTR	
	13.5 MM LADLE CLEANING LANCE PIPE FRONT / BLACK LADLE FOR LF	OD:	13.60 - 13.20 MM	
		THICKNESS:	2.00 MM	
		LENGTH:	6 MTR	
	LANCING PIPE 13.5 MM OD X 12MTR. FOR CCM,	OD:	13.60-13.20 MM	
		THICKNESS:	2.00 MM	
		LENGTH:	6 MTR	
	LANCING PIPE 08MM OD X 06 MM ID X 06 MTR. LONG, PLAIN END,		LENGTH:	05 TO 06 MTR

### **Spares**

INDUCTION FURNACE SPARES FOR 5 MT TO 25MT CAPACITY OF ALL MAKE.
EOT CRANE SPARES FOR 5MT TO 60MT CAPACITY OF ALL MAKE.
PUMP SPARES FOR ALL MAKE AND CAPACITY.