



ANNEXURE V

PALLETISATION DETAILS – DIRECT BULK PACKS

S.NO	EXTERNAL DIMENSIONS OF THE BOX LXBXH(mm)	TYPE OF PALLET	NO. OF BOXES PER LAYER (ON BASE)	ARRANGEMENT OF BOXES ON PALLET BASE (LXW)	BASE AREA UTILISATION (%)
I	400X200X150	IATA-A	75	15(W)X5(L)	91.76
		IATA-B	77	7(L)X11(W)	85.75
		EURO-A	12	3(L)X4(W)	100.00
		EURO-B	15	3(L)X5(W)	100.00
II	500X300X200	IATA-A	42	6(L)X7(W)	96.34
		IATA-B	42	6(L)X7(W)	87.70
		EURO-A	4	2(L)X2(W)	62.50
		EURO-B	8	4(W)X2(L)	100.00
III	400X300X180	IATA-A	50	10(W)X5(L)	91.76
		IATA-B	50	10(W)X5(L)	83.52
		EURO-A	8	4(W)X2(L)	100.00
		EURO-B	9	3(L)X3(W)	90.00
IV	300X200X90	IATA-A	100	10(L)X10(W)	91.76
		IATA-B	70	10(L)X7(W)	97.34
		EURO-A	8	4(L)X2(W)	83.25
		EURO-B	12	4(L)X3(W)	99.90
V	400X300X125	IATA-A	50	10(W)X5(L)	91.76
		IATA-B	50	10(W)X5(L)	83.52
		EURO-A	8	4(W)X2(L)	100.00
		EURO-B	9	3(L)X3(W)	90.00
VI	380X240X90	IATA-A	64	8(L)X8(W)	89.26
		IATA-B	72	8(L)X9(W)	91.41
		EURO-A	10	5(W)X2(L)	95.00
		EURO-B	12	3(L)X4(W)	91.20
VII	600X300X200	IATA-A	35	5(L)X7(W)	96.34
		IATA-B	35	5(L)X7(W)	87.70
		EURO-A	4	2(L)X2(W)	75.00
		EURO-B	6	2(L)X3(W)	90.00
VIII	400X200X105	IATA-A	75	15(W)X5(L)	91.76
		IATA-B	77	7(L)X11(W)	85.75
		EURO-A	12	3(L)X4(W)	100.00
		EURO-B	15	3(L)X5(W)	100.00
IX	380X270X125	IATA-A	56	8(L)X7(W)	87.87
		IATA-B	66	11(W)X6(L)	94.26
		EURO-A	8	4(W)X2(L)	85.50
		EURO-B	9 <sup>9</sup>	3(L)X3(W)	76.95



X	520X315X300	IATA-A	36	9(W)X4(L)	90.18
		IATA-B	36	9(W)X4(L)	82.08
		EURO-A	4	2(L)X2(W)	68.25
		EURO-B	6	2(L)X3(W)	81.90
XI	750X300X200	IATA-A	28	4(L)X7(W)	96.34
		IATA-B	30	10(W)X3(L)	93.93
		EURO-A	4	4(W)X1(L)	93.95
		EURO-B	4	4(W)X1(L)	75.00
XII	333X300X200	IATA-A	63	9(L)X7(W)	96.25
		IATA-B	70	10(W)X7(L)	97.34
		EURO-A	8	4(W)X2(L)	83.25
		EURO-B	12	4(W)X3(L)	99.90
XIII	333X300X255	IATA-A	63	9(L)X7(W)	96.25
		IATA-B	70	10(W)X7(L)	97.34
		EURO-A	8	4(W)X2(L)	83.25
		EURO-B	12	4(W)X3(L)	99.90
XIV	545X330X255	IATA-A	30	5(L)X6(W)	82.51
		IATA-B	36	9(W)X4(L)	90.13
		EURO-A	4	2(L)X2(W)	74.94
		EURO-B	6	2(L)X3(W)	89.93
XV	200X200X75	IATA - A	150	15 ( L)X10( W)	92.00
		IATA - B	165	15 ( L)X11( W)	92.00
		EURO -A	24	6(L) X 4(W)	100.00
		EURO-B	24	6(L) X 5(W)	100.00
XVI	225X170X90	IATA - A	162	18 ( L)X9( W)	94.76
		IATA - B	180	18( L)X10( W)	95.64
		EURO -A	21	7 ( L)X3( W)	83.67
		EURO-B	28	7 ( L)X4( W)	89.25
XVII	225X225X90	IATA - A	117	13 ( L)X9( W)	90.58
		IATA - B	130	13( L)X10( W)	91.61
		EURO -A	15	5 ( L)X3( W)	79.10
		EURO-B	20	5 ( L)X4( W)	84.38
XVIII	320X230X90	IATA - A	81	9 ( L)X9( W)	91.17
		IATA - B	91	13( L)X7( W)	93.23
		EURO -A	10	5 ( L)X2( W)	76.67
		EURO-B	15	5 ( L)X3( W)	92.00
XIX	390X225X90	IATA - A	65	13 ( L)X5( W)	87.23
		IATA - B	78	13( L)X6( W)	95.28
		EURO -A	10	5 ( L)X2( W)	91.41
		EURO-B	12	3( L)X4( W)	87.75
XX	460X250X90	IATA - A	48	12 ( L)X4( W)	84.42
		IATA - B	60	12( L)X5( W)	96.05
		EURO -A	6	2 ( L)X3( W)	71.88
		EURO-B	8	4( L)X2( W)	76.67



XXI	225X170X100	IATA - A	117	13 ( L )X4( W )	90.58
		IATA - B	130	13( L )X10( W )	91.61
		EURO -A	15	5 ( L )X3( W )	79.10
		EURO-B	20	5( L )X4( W )	84.38
XXII	225X225X100	IATA - A	117	13( L )X9( W )	90.58
		IATA - B	130	13( L )X10( W )	91.61
		EURO -A	15	4 ( L )X3( W )	74.75
		EURO-B	20	5( L )X4( W )	84.38
XXIII	260X230X100	IATA - A	104	13( L )X8( W )	95.11
		IATA - B	117	13( L )X9( W )	97.39
		EURO -A	12	4 ( L )X3( W )	74.75
		EURO-B	16	4( L )X4( W )	79.73
XXIV	350X220X100	IATA - A	78	13( L )X8( W )	91..55
		IATA - B	80	8( L )X10( W )	85.75
		EURO -A	10	5 ( L )X2( W )	80.21
		EURO-B	12	3( L )X4( W )	77.00
XXV	420X220X100	IATA - A	65	13( L )X5 W )	91.85
		IATA - B	70	7( L )X10( W )	90.04
		EURO -A	6	2( L )X3( W )	57.75
		EURO-B	10	5( L )X2( W )	77.00
XXVI	200X200X95	IATA - A	150	15( L )X10 W )	91.76
		IATA - B	165	15( L )X11( W )	91.87
		EURO -A	24	6 ( L )X2( W )	100.00
		EURO-B	30	6( L )X5( W )	100.00
XXVII	300X205X95	IATA - A	100	10( L )X10 W )	94.05
		IATA - B	110	10( L )X11( W )	94.17
		EURO -A	12	4 ( L )X3( W )	76.88
		EURO-B	16	4( L )X4( W )	82.00
XXVIII	330X210X95	IATA - A	90	9( L )X10 W )	95.38
		IATA - B	99	9( L )X11( W )	95.50
		EURO -A	10	5 ( L )X2( W )	72.19
		EURO-B	15	5( L )X3( W )	86.63
XXIX	350X210X95	IATA - A	84	14( L )X6 W )	94.42
		IATA - B	88	8( L )X11( W )	90.40
		EURO -A	10	5 ( L )X2( W )	76.56
		EURO-B	12	4( L )X4( W )	73.50
XXX	420X220X95	IATA - A	65	13( L )X5 W )	91.85
		IATA - B	70	8( L )X10( W )	90.04
		EURO -A	6	2 ( L )X3( W )	57.75
		EURO-B	10	5( L )X2( W )	77.00
XXXI	230X180X100	IATA - A	153	17( L )X9 W )	96.87
		IATA - B	170	17( L )X10( W )	97.97
		EURO -A	20	5 ( L )X4( W )	86.25
		EURO-B	25	5( L )X5( W )	86.25





XXXII	250X230X100	IATA - A	108	12( L )X9 W)	94.97
		IATA - B	120	12( L )X10( W)	96.05
		EURO -A	15	5 ( L)X3( W)	89.84
		EURO-B	20	5( L )X4( W)	95.83
XXXIII	330X250X100	IATA - A	72	12( L )X6 W)	90.84
		IATA - B	84	12( L )X7( W)	96.47
		EURO -A	9	3 ( L)X3( W)	77.34
		EURO-B	12	4( L )X3( W)	82.50
XXXIV	390X240X100	IATA - A	60	12( L )X5 W)	85.88
		IATA - B	72	12( L )X6( W)	93.81
		EURO -A	10	5 ( L)X2( W)	97.50
		EURO-B	12	3( L )X4( W)	93.60
XXXV	460X250X100	IATA - A	48	6( L )X8 W)	84.42
		IATA - B	54	6( L )X9( W)	86.44
		EURO -A	6	2 ( L)X3( W)	71.88
		EURO-B	8	2( L )X4( W)	76.67
XXXVI	230X185X100	IATA - A	144	16( L )X9 W)	93.70
		IATA - B	160	16( L )X10( W)	94.76
		EURO -A	20	5( W)X4( L)	88.64
		EURO-B	25	5( L )X5( W)	88.64
XXXVII	230X230X100	IATA - A	117	13( L )X9 W)	90.58
		IATA - B	130	13( L )X10( W)	91.61
		EURO -A	15	5( L)X3( W)	79.10
		EURO-B	20	5( L )X4( W)	84.37
XXXVIII	305X220X100	IATA - A	90	10( L )X9 W)	92.35
		IATA - B	100	10( L )X10( W)	93.40
		EURO -A	10	5( W)X2( L)	69.89
		EURO-B	15	13( W )X5( L)	83.87
XXXIX	390X220X100	IATA - A	65	13( W )X5 L)	85.28
		IATA - B	78	13( W )X6( L)	93.15
		EURO -A	10	5( W)X2( L)	89.37
		EURO-B	12	3 L )X4( W)	85.80
XXXX	475X220X100	IATA - A	54	6(L )X 9( W)	86.29
		IATA - B	60	6(L )X 10( W)	87.27
		EURO -A	6	2(L )X 3( W)	65.31
		EURO-B	10	5(W )X 2(L)	87.08

1200 X 800 -EURO A

1200 X 1000 -EURO B

3070 X 2130 -IATA A

3070 X 2340 -IATA B