

Scen 2 - fans as calc or meas., no exist, proposed 5m

Project description

Project title: 109169 Amcor Noise Model
Engineer: Peter Eisenhuth, Anita Jo
Customer: Balderstone for Amcor

Description:

Amcor's B9 paper machine and reorganised site

MGA coordinate system.

technical directory has a spreadsheet called "coordinate-transform.xls"
to convert from Amcor's coordinate system to MGA.

Run description

Calculation type: Single Point Sound
Title: Scen 2 - fans as calc or meas., no exist, proposed 5m
Run file: Noname.runx
Result number: 5201
Calculation start: 14/12/2009 1:44:50 PM
Calculation end: 14/12/2009 1:45:53 PM
Calculation time: 00:08:922 [m:s:ms]
No. of points: 6
No. of calculated points: 6
Kernel version: 18/03/2008

Run parameters

Angle increment: 1.00 deg
Reflection depth: 1
Number of reflections: 1
Maximal search radius: 5000
Weighting: dB(A)
Calculation with side screening
Source side reflection precalculation enabled

Standards:

Industry:	Concawe	
Air absorption:	ISO 3891	
Limitation of screening loss:	single/multiple	20 dB /25 dB
Environment:	Air pressure	1013.25 mbar
	rel. Humidity	70 %
	Temperature	10 °C
	Pasquill Class	D
	Wind speed	0 m/s

The Benbow Group 13 Daking St North Parramatta, NSW AUSTRALIA 2124

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Dissection parameters:

Wind direction	worst case (always source to receiver)
Distance to diameter factor	2
Minimal Distance [m]	1 m
Max. Difference GND+Diffraction	1 dB
Max. No. of Iterations	4

Assessment: Industrial Noise Policy

Reflection of "own" facade is suppressed

Geometry data

RDGM0001.dgm	12/11/2009 9:16:54 AM	
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- contains:		
B9 Mezzanine Building.geo	14/12/2009 1:32:40 PM	
B9.geo	14/12/2009 1:32:40 PM	
Boiler House.geo	14/12/2009 1:32:40 PM	
Boundary Wall - Proposed - 5m.geo		14/12/2009 1:29:18 PM
Car Park Wall.geo	14/12/2009 1:32:40 PM	
Elevation Lines.geo	14/12/2009 1:32:42 PM	
Exhausts for Internal Fans 70 deg calc & meas.geo		8/12/2009 2:10:46 PM
External Fans 70 deg calc & meas, blower 85@1.geo		14/12/2009 1:32:42 PM
No 7 Reel Store.geo	14/12/2009 1:32:42 PM	
Off-site buildings.geo	14/12/2009 1:32:42 PM	
Paper Yard Loader.geo	14/12/2009 1:32:42 PM	
Product Store.geo	14/12/2009 1:32:42 PM	
Product Trucks.geo	14/12/2009 1:32:42 PM	
Receiver text.geo	3/12/2009 12:50:22 PM	
Receivers.geo	14/12/2009 1:32:42 PM	
Rejects Loader.geo	14/12/2009 1:32:42 PM	
starch, chemicals & solid waste trucks.geo		14/12/2009 1:32:42 PM
Substation.geo	14/12/2009 1:32:42 PM	
Tanks B9.geo	14/12/2009 1:32:42 PM	
Transformers B9 South.geo	14/12/2009 1:32:42 PM	
Waste Paper Trucks.geo	14/12/2009 1:32:42 PM	
Waste Paper Yard Walls 5m.g	14/12/2009 1:32:42 PM	
Water Treatment.geo	14/12/2009 1:32:42 PM	

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Name	INP Day dB(A)	INP Evenin dB(A)	INP Night dB(A)	Lmax night dB(A)	
R1	45.7	45.1	45.1	46.6	
R2	45.2	44.7	44.6	48.9	
R3	45.4	44.9	44.8	50.3	
R4	42.0	40.9	41.0	46.2	
R5	42.2	41.8	39.0	44.1	
R6	42.8	42.4	38.6	45.5	

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Group	INP Day dB(A)	INP Evenin dB(A)	INP Night dB(A)	Lmax night dB(A)	
Name R1	Day 45.7 dB(A)	Evening 45.1 dB(A)	Night 45.1 dB(A)	Lmax night 46.6 dB(A)	
B9	37.0	37.0	37.05		
Fans	43.1	43.1	43.15		
Loaders	36.8	36.8	36.23		46.56
Trucks	38.5	32.6	34.10		44.81
Transformers	-20.1	-20.1	-20.10		
Name R2	Day 45.2 dB(A)	Evening 44.7 dB(A)	Night 44.6 dB(A)	Lmax night 48.9 dB(A)	
B9	37.1	37.1	37.05		
Fans	42.1	42.1	42.15		
Loaders	38.1	38.1	37.57		48.85
Trucks	37.3	30.8	32.53		44.98
Transformers	-20.5	-20.5	-20.49		
Name R3	Day 45.4 dB(A)	Evening 44.9 dB(A)	Night 44.8 dB(A)	Lmax night 50.3 dB(A)	
B9	37.7	37.7	37.74		
Fans	41.6	41.6	41.64		
Loaders	39.6	39.6	39.06		50.29
Trucks	37.2	30.9	32.55		45.21
Transformers	-20.5	-20.5	-20.52		
Name R4	Day 42.0 dB(A)	Evening 40.9 dB(A)	Night 41.0 dB(A)	Lmax night 46.2 dB(A)	
B9	31.3	31.3	31.27		
Fans	37.7	37.7	37.69		
Loaders	36.1	36.1	35.52		44.60
Trucks	36.8	30.7	32.25		46.24
Transformers	-18.2	-18.2	-18.21		
Name R5	Day 42.2 dB(A)	Evening 41.8 dB(A)	Night 39.0 dB(A)	Lmax night 44.1 dB(A)	
B9	29.2	29.2	29.18		
Fans	36.8	36.8	36.76		
Loaders	39.5	39.5	31.99		44.12
Trucks	33.3	26.9	28.64		42.19
Transformers	-24.9	-24.9	-24.91		
Name R6	Day 42.8 dB(A)	Evening 42.4 dB(A)	Night 38.6 dB(A)	Lmax night 45.5 dB(A)	
B9	27.3	27.3	27.30		
Fans	34.6	34.6	34.64		
Loaders	41.3	41.3	34.80		45.52
Trucks	33.8	27.3	28.99		42.02
Transformers	-26.5	-26.5	-26.45		

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Hourly sound power level in dB(A) - Scen 2 - fans as calc or meas., no exist, proposed 5m

Source	Group	Z	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09
West Low Roof Area Dado Wall	B9	7.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
West Low Roof Area Ground Level Sheetting	B9	11.1	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
West Low Roof Area Op Level Sheetting	B9	15.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
West Low Roof Clad	B9	11.7	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9
West Ground Dado	B9	7.9	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3	-32.3
West Operating Clad	B9	20.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Low Roof Winder Dado	B9	7.5	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
Low Roof Winder Operating Sheetting	B9	15.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
Low Roof Winder Sheetting	B9	11.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
Low Roof Roof Winder	B9	18.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
South Operating Winder Cladding	B9	24.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
North Operating Roll Storage Cladding	B9	24.4	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2	-24.2
North Ground Roll Storage Masonry	B9	10.3	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
North Operating Roll Storage Masonry	B9	16.4	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
Low Roof Paper Rols Store Ground Sheetin	B9	11.0	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
Low Roof Dado Paper Roll Store	B9	7.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
Low Roof Paper Roll Store Level 1 Shee	B9	15.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
Low Roof Roof Roll Store	B9	18.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
South Operating Paper Roll Storage Clad	B9	24.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
Dry End Elect Ground Paper Roll Storage	B9	10.0	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
Dry End Elect Level 1 Paper Roll Storage	B9	16.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
North Operating Winder Cladding	B9	24.8	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7	-22.7
North Ground Winder Masonry	B9	10.3	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
North Operating Winder Masonry	B9	16.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
Dry End Elect Level 1 Reeler	B9	20.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
Dry End Elect Ground Reeler	B9	16.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
South Operating Paper Roll Storage Clad	B9	10.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
Dry End Elect Ground After Dryer	B9	25.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
Dry End Elect Level 1 After Dryer	B9	20.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
South Operating Reeler Clad	B9	10.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
North Operating Paper Roll Storage Masonry	B9	16.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
North Operating Paper Roll Storage Masonry	B9	25.2	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8	-27.8
North Operating Paper Roll Storage Masonry	B9	10.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
Dry End Roof Paper roll storage	B9	17.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
	B9	20.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7

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Hourly sound power level in dB(A) - Scen 2 - fans as calc or meas., no exist, proposed 5m

Source	Group	Z	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09
			AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM
South Operating After Dryers West Clad	B9	25.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
North Operating Paper Roll Storage Cladd	B9	20.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
North Operating Paper Roll Storage Dado	B9	7.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
North Ground Paper Roll Storage Clad	B9	11.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
North Operating Paper Roll Storage Cladd	B9	25.3	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9
North Operating Paper Roll Storage Mason	B9	17.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
North Operating Paper Roll Storage Masonry	B9	10.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
B9 Sth Dado After Dryer	B9	7.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
B9 Sth Level 1 After Dryer Sheetting	B9	17.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
B9 Sth Ground After Dryer Sheetting	B9	11.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
North Ground Reeler Masonry	B9	10.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
North Operating Reeler Mason	B9	17.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
North Operating Reeler Masonry	B9	25.3	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9	-27.9
South Operating After Dryers East Clad	B9	25.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
Mezzanine Roof After Dryer	B9	21.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
North Operating After Dryers Masonry	B9	17.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
North Ground After Dryers Masonry	B9	10.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
North Operating After Dryers Cladd	B9	25.3	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9	-21.9
B9 Sth Ground Size Press Sheetting	B9	7.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
B9 Sth Level 1 Size Press Sheetting	B9	11.0	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
South Operating Size Press Cladding	B9	25.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
Mezzanine Roof Size Press	B9	21.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
North Ground After Dryers Dado Concrete	B9	7.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
North Operating After Dryers Cladding	B9	11.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
North Operating After Dryers Cladding	B9	22.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
B9 Sth Ground Pre-Dryer End tx	B9	10.0	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
B9 Sth Level 1 Pre-Dryer End Sheetting	B9	17.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
South Operating Pre-Dryer End Cladding	B9	25.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
North Operating Size Press Cladding	B9	22.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
North Ground Size Press Dado	B9	7.5	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
North Ground Size Press Cladding	B9	11.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
Mezzanine Roof Pre-Dryer End	B9	21.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
B9 Sth Ground Pre-Dryer Mid tx	B9	10.0	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
North Ground Pre Dryer End Cladding	B9	17.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
	B9	11.3	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1

109169 Amcor Noise Model

Hourly sound power level in dB(A) - Scen 2 - fans as calc or meas., no exist, proposed 5m

Source	Group	Z	00-01 AM	01-02 AM	02-03 AM	03-04 AM	04-05 AM	05-06 AM	06-07 AM	07-08 AM	08-09 AM	09-10 AM	10-11 AM	11-12 AM	12-01 PM	01-02 PM	02-03 PM	03-04 PM	04-05 PM	05-06 PM	06-07 PM	07-08 PM	08-09 PM
North Operating Pre-Dryer End Cladding	B9	22.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
North Ground Pre Dryer End Dado	B9	7.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
South Operating Pre-Dryer Mid Cladding	B9	25.5	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
Mezzanine Roof Pre-dryer Mid	B9	21.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
B9 Sth Ground Pre-Dryer Start tx	B9	10.0	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
B9 Sth Level 1 Pre-Dryer Start sheeti	B9	17.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
Blower Room West	B9	22.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
Mezzanine Roof Pre-dryer Start	B9	21.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
South Operating Pre-Dryer Start West Cla	B9	25.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
Blower Dado	B9	7.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
Blower 100 mm concrete	B9	15.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
North Ground Pre Dryer Mid Dado	B9	7.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
North Ground Pre Dryer Mid Cladding	B9	11.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
North Operating Pre-Dryer Mid Cladding	B9	22.0	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
Blower 100 mm concrete roof	B9	23.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
South Operating Pre-Dryer Start East Cla	B9	26.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
Blower Room North	B9	22.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
Mezzanine Roof Pre-dryer Start behind bl	B9	21.0	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
South Operating Press Cladding	B9	26.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
North Ground Pre Dryer Start Dado	B9	7.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
North Ground Pre Dryer Start Cladding	B9	11.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
North Operating Pre-Dryer Start Cladding	B9	22.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
Deaerator south former level 1 sheeting	B9	22.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
Deaerator south former ground dado	B9	7.5	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
Deaerator south former ground sheeting	B9	11.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
Deaerator roof near former	B9	32.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
North Ground Press Cladding	B9	11.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
North Ground Press Dado	B9	7.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
North Operating Press Cladding	B9	22.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
Deaerator north top 2m	B9	31.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
Deaerator south approach level 1 sheetin	B9	22.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
Deaerator south approach ground sheetin	B9	11.0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
Deaerator south approach ground dado	B9	7.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
Deaerator roof near approach	B9	32.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
Elect Roof & Stock Prep Sheetin West of	B9	11.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
Deaerator East level 1 sheeting	B9	22.8	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7

109169 Amcor Noise Model

Hourly sound power level in dB(A) - Scen 2 - fans as calc or meas., no exist, proposed 5m

Source	Group	Z	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09
			AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM
Deerator East dado	B9	7.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
Deerator East ground sheeting	B9	11.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
North Operating Former Cladding	B9	22.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
North Ground Former Dado	B9	7.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
North Ground Former Cladding	B9	11.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
South Operating Approach Cladding	B9	25.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
Wet End Elect Roof & Stock Prep Tx Wall	B9	11.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
North Ground Approach Dado	B9	7.5	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
North Operating Approach Cladding	B9	11.3	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
North Ground Approach Cladding	B9	22.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
North Operating Approach Cladding	B9	7.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
Wet End Elect Roof & Stock Prep Dado Wa	B9	17.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
Elect Roof & Stock Prep Sheet Op lvi	B9	10.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
North Ground Approach RSD+Cladding	B9	21.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
Elect & Stock Prep East End Roof	B9	11.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
Elect Roof & Stock Prep Sheet East of	B9	25.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
South Operating Stock Prep Cladding	B9	7.5	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
North Ground Stock Prep Dado East	B9	11.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
North Ground Stock Prep Cladding East to	B9	22.0	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
North Operating Stock Prep Cladding	B9	10.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
Elect & Stock Prep East End Ground	B9	14.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
Elect & Stock Prep East End Op lvi	B9	10.3	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
North Ground Stock Prep Cladding+RSD	B9	11.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
East Ground Stock Prep Clad East to FEL	B9	7.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
East Ground Stock Prep Dado West to FEL	B9	10.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
East Ground Stock Prep FEL Area	B9	20.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
East Operating Stock Prep Clad	B9	7.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
North Ground Stock Prep Dado West to RSD	B9	11.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
North Ground Stock Prep Dado West to FEL	B9	7.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
East Ground Stock Prep Clad East to FEL	B9	11.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
Fans	Fans	23.0	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9
Fans	Fans	23.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0
Fans	Fans	23.0	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1
Fans	Fans	23.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0
Fans	Fans	23.0	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4
Fans	Fans	26.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0

109169 Amcor Noise Model

Hourly sound power level in dB(A) - Scen 2 - fans as calc or meas., no exist, proposed 5m

Source	Group	Z	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09
			AM	AM	AM	AM	AM	AM	AM	PM	PM
BV01 Exhaust	Fans	26.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
BV01 fan casing	Fans	23.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
Fan 52 Outlet - VacRoll Exhaust Air Fan	Fans	26.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
Fan 52 - VacRoll Exhaust Air Fan 2 PD Ca	Fans	23.0	103.4	103.4	103.4	103.4	103.4	103.4	103.4	103.4	103.4
Fan 38 - SymRun Plus Supply Air Fan 1 m	Fans	23.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0
Fan 68 Outlet - Hood Exhaust Air Fan 1 m	Fans	26.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
Fan 68 - Hood Exhaust Air Fan 1 PD casing	Fans	23.0	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7
Fan 60 - Hood Supply Air Fan 1 PD casing	Fans	23.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0
Fan 46 outlet - VacRoll Exhaust Air Fan	Fans	26.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
Fan 46 - VacRoll Exhaust Air Fan 1 PD ca	Fans	23.0	103.4	103.4	103.4	103.4	103.4	103.4	103.4	103.4	103.4
BV02	Fans	28.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
BV02 Fan Casing	Fans	25.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
Fan 34 - SymRun Plus Supply Air Fan 1 PD	Fans	23.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
BV03 Exhaust (W.E Roof Area Exhaust)	Fans	28.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
BV03 Fan Casing	Fans	25.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
Fan 32 - HiRun Supply Air Fan casing	Fans	23.0	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1
Vacuum Blower Exhaust	Fans	26.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
BV04 Fan Casing	Fans	25.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
BV04 Exhaust (W.E Roof Area Exhaust)	Fans	28.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
Fan 24 - PressRun Blow Box Supply Air Fa	Fans	23.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
PV02/PM10 Mist Collector	Fans	26.0	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5
PV03/PM11 Optiformer 2	Fans	26.0	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.5
PV01/PM09 Fan07 Optiformer 1	Fans	26.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
PV06/PM14 Vacuum system Fan No 2	Fans	26.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
PV05/PM13 Vacuum system No 1 Fan	Fans	26.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
BV05 Stock Prep Exhaust	Fans	23.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
BV05 Fan Casing	Fans	35.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
Pulper Exhaust Fan	Fans	8.4	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5
Loader at Rejects area	Loader	9.4	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Loader in Paper Yard	Loader	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Transformer 1 B9 South	Transf	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Transformer 2 B9 South	Transf	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Transformer 3 B9 South	Transf	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Transformer 4 B9 South	Transf	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Transformer 5 B9 South	Transf	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Transformer 6 B9 South	Transf	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0

109169 Amcor Noise Model

Hourly sound power level in dB(A) - Scen 2 - fans as calc or meas., no exist, proposed 5m

Source	Group	Z	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09
			AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM
Transformer 7 B9 South	Transf	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Transformer 8 B9 South	Transf	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Transformer 9 B9 South	Transf	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Transformer 10 B9 South	Transf	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Transformer 11 B9 South	Transf	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Transformer 12 B9 South	Transf	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Transformer 13 B9 South	Transf	8.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Trucks - starch, chemicals, solid waste	Trucks	6.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Product Trucks	Trucks	8.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
Waste Paper Trucks	Trucks	9.1	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0

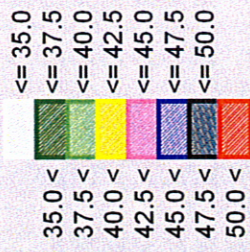
Amcor B9 Paper Mill Scenario 2

Neutral Atmosphere
No wind

Fans as measured by Metso
or calculated from motor power
and flow. Vacuum blowers
and vacuum system fans
85 dB(A) @ 1 m

Existing Boundary Wall - 0 m
Proposed Boundary Wall - 5 m

Noise level dB(A)
Daytime



Scale 1:5000



Signs and symbols

Point source

Line source

Main building

Auxiliary building

Wall

Roof area

Industrial building

Point receiver

