

6.2.5 Low Impact Industry Zone Code

Table 6.2.5.1 - Low Impact Industry zone code

Performance Outcomes	Acceptable Outcomes	Proposed Solution Explanation of how the development addresses the Acceptable Outcome and/or Performance Outcome.
For accepted, accepted subject to requirements and assessable development (code, code (fast tracked) and impact)		
Building Height		
<p>PO1 The height of buildings and structures does not adversely impact upon the character of the area or the amenity of surrounding development having regard to:</p> <ul style="list-style-type: none"> (a) overshadowing; (b) privacy and overlooking; (c) views and vistas; (d) building character and appearance; and (e) building mass and scale. 	<p>AO1 Buildings and structures have a maximum building height of 10 metres above natural ground level and no more than two (2) storeys.</p>	
Site cover and use area		
<p>PO2 The scale of buildings and structures contributes to the amenity of the Low Impact Industry zone, provides adequate space for onsite landscaping and car parking and is compatible with existing development in the area.</p>	<p>AO2 Site cover is a maximum of 75% of the total site area.</p>	
<p>PO3 The viability of industrial uses is not to be adversely impacted by the retail sale of goods.</p>	<p>AO3.1 Any on site retail sales are integral and subservient to the predominant industrial use.</p>	
	<p>AO3.2 The onsite retail and display area does not exceed 10% or 150m² of the gross floor area of the premises, whichever is the lesser.</p>	
Setbacks		
<p>PO4 Building setbacks are appropriate having regard to:</p> <ul style="list-style-type: none"> (a) overshadowing; (b) privacy and overlooking; 	<p>AO4.1 Buildings and structures have a minimum setback of 6 metres to the primary road frontage.</p> <p>OR</p>	

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<p>(c) building character and appearance; and (d) are consistent with the primary road frontage setbacks of adjoining premises.</p>	<p>AO4.2 Where new development is located adjacent to an existing building, the primary road frontage setback is equal to or greater than the setback of the building on the adjoining site.</p>	
	<p>AO4.3 Buildings and structures have a minimum rear boundary clearance of 3 metres.</p>	
	<p>AO4.4 Buildings and structures have a minimum side boundary clearance of 2 metres.</p>	
	<p>Where adjoining land in a Residential zone category AO4.5 A minimum setback of 5 metres is provided along the common boundary.</p>	
	<p>AO4.6 The setback area must incorporate screening and include a minimum of: (a) a densely planted landscaped strip with a minimum width of 2 metres; and (b) a 2 metre high solid fence.</p>	
Landscaping		
<p>PO5 Development incorporates landscaping to enhance the appearance of the development and contribute to the character and amenity of the Low impact industrial zone.</p>	<p>AO5.1 A landscaping strip with a minimum width of 2 metres is provided to all road frontages.</p>	

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Building materials and design		
<p>PO6 Buildings are designed and oriented to be safely accessible, with entrances clearly visible and identifiable from the street frontage.</p>	<p>AO6.1 The ancillary office or public reception of a building used for industrial purposes is sited and oriented towards the principal road frontage.</p>	
	<p>AO6.2 The pedestrian entry to buildings is separated from vehicle parking and manoeuvring areas.</p>	
	<p>AO6.3 Buildings provide lighting along access routes, in building entrances, site entries, car parking areas and other movement areas used after dark.</p>	
<p>PO7 The external wall of a building facing a road frontage incorporates horizontal or vertical articulation, variation in building materials, use of solid and void, shadow detail and colour to visually soften and break up the visual bulk of the building.</p>	<p>AO7 External walls on a street frontage have a maximum unarticulated length of 15 metres.</p>	
<p>PO8 Building finishes incorporate high quality external materials that integrate with existing development and enhance the amenity of the locality.</p>	<p>AO8 No acceptable outcome.</p>	
Environment		
<p>PO9 Development does not generate or emit noise, odour, smoke, ash or other particulate emissions that would cause environmental harm or expose adjoining properties to negative impacts on human health, amenity and wellbeing.</p>	<p>AO9 No acceptable outcome.</p>	

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<p>PO10 Development provides for the collection, treatment and disposal of toxic or dangerous industrial waste products (including liquid and solid wastes) to prevent the off-site release of contaminants.</p>	<p>AO10.1 Development that involves the use or storage of materials that are capable of windborne distribution are wholly enclosed in storage bins, covered with tarps or other removable coverings, or managed through a watering program to suppress airborne emissions.</p>	
	<p>AO10.2 Storage areas for potentially toxic or dangerous liquid wastes are: (a) located under a roof with an impervious floor; (b) bunded with provision to ensure spills are contained on site; and (c) regularly cleaned of waste products by an approved means.</p>	
<p>PO11 Development involving, storage and disposal of hazardous material and hazardous chemicals, dangerous goods and flammable or combustible substances, is to be located and managed to avoid and mitigate potential adverse impacts on surrounding uses, and minimise the health and safety risks to communities and individuals.</p>	<p>AO11 No acceptable outcome.</p>	
Non-industrial uses		
<p>PO12 Non-industrial uses are not located within the Low Impact Industry zone unless it can be demonstrated that such uses: (a) are ancillary to or are compatible with industrial uses; or (b) directly support industries and employees in the zone; and</p>	<p>AO12 No acceptable outcome.</p>	

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(c) do not compromise the ongoing operation and use of the zone for low impact industry purposes.		
Amenity protection		
<p>PO13 Development must not detract from the amenity of the local area, having regard to:</p> <ul style="list-style-type: none"> (a) noise; (b) hours of operation; (c) traffic; (d) lighting; (e) advertising devices; (f) visual amenity; (g) privacy; (h) odour; or (i) emissions. 	<p>AO13 No acceptable outcome.</p>	
<p>PO14 Development must take into account and seek to ameliorate any existing negative environmental impacts, having regard to:</p> <ul style="list-style-type: none"> (a) noise; (b) hours of operation; (c) traffic; (d) lighting; (e) advertising devices; (f) visual amenity; (g) privacy; (h) odour; or (i) emissions. 	<p>AO14 No acceptable outcome.</p>	
<p>PO15 Development must not detract from the amenity of the local area having regard to:</p>	<p>AO15.1 Uses operate 24 hours a day, 7 days a week.</p>	

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(a) operating hours; and (b) the loading and unloading of goods.	Where adjoining land in a Residential zone category or located within 300 meters of a sensitive receptor AO15.2 Operating hours are restricted to between 6.00am and 6.00pm.	
	AO15.3 Loading and unloading of goods is restricted to between the following hours: (a) 6.00am and 6.00pm Monday to Friday; (b) 6.00am and 12.00pm (noon) Saturdays.	
	AO15.4 No unloading or loading occurs on Sundays and public holidays	
Water Quality Management		
PO16 Development protects environmental values and facilitates the achievement of water quality objectives for Queensland waters.	AO16 No acceptable outcome.	
PO17 Development achieves the storm water management design objectives specified in Table 6.2.5.2 - Construction Phase - Stormwater Management Design Objectives	AO17 Development achieves objectives as specified in Table 6.2.5.2 - Construction Phase - Stormwater Management Design Objectives	
PO18 Land for urban purposes is located in areas which avoid or minimise the disturbance to natural drainage, areas subject to erosion risk and groundwater.	AO18 No acceptable outcome.	

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PO19 Land for urban purpose is located, designed, constructed and managed to avoid impacts arising from altered stormwater quality or flow.	AO19 No acceptable outcome.	

Table 6.2.5.2 - Construction Phase - Stormwater Management Design Objectives

Issue		Design Objectives
Drainage control	Temporary drainage works	1. Design life and design storm for temporary drainage works: <ul style="list-style-type: none"> • Disturbed area open for < 12 months - 1 in 2-year ARI event. • Disturbed area open for 12-24 months - 1 in 5-year ARI event. • Disturbed area open for >24 months - 1 in 10-year ARI event. 2. Design capacity excludes minimum 150mm freeboard. 3. Temporary culvert crossing - minimum 1 in 1-year SRI hydraulic capacity.
Erosion control	Erosion control measures	1. Minimise exposure of disturbed soils at any time. 2. Divert water run-off from undisturbed areas around disturbed areas. 3. Determine the erosion risk rating using local rainfall erosivity, rainfall depth, soil-loss rate or other acceptable methods. 4. Implement erosion control methods corresponding to identified erosion risk rating.
Sediment control	Sediment control measures Design storm for sediment control basins Sediment basin dewatering	1. Determine appropriate sediment control measures using: <ul style="list-style-type: none"> • potential soil loss rate, or • monthly erosivity, or • average monthly rainfall 2. Collect and drain stormwater from disturbed soils to sediment basin for design storm event: <ul style="list-style-type: none"> • design storm for sediment basin sizing is 80th% five-day event or similar 3. Site discharge during sediment basin dewatering: <ul style="list-style-type: none"> • TSS < 50 mg/L TSS, and • Turbidity not >10% receiving waters turbidity, and • pH 6.5–8.5
Water quality	Litter and other waste, hydrocarbons and other contaminants	1. Avoid wind-blown litter; remove gross pollutants. 2. Ensure there is no visible oil or grease sheen on released waters. 3. Dispose of waste containing contaminants at authorised facilities.
Waterway stability and flood flow management	Changes to the natural waterway hydraulics and hydrology	1. For peak flow for the 1-year and 100-year ARI event, use constructed sediment basins to attenuate the discharge rate of stormwater from the site.