

Notice of Exemption

In accordance with section 220 of the Health and Safety at Work Act 2015 (the Act), Amcor Flexibles (New Zealand) Limited is exempted from regulation 11.36(2) of the Health and Safety at Work (Hazardous Substances) Regulations 2017 (the HS Regulations), for the printing hall and laminating hall located within the site at 74 Branston Street, Hornby, Christchurch ('the site') subject to the following conditions.

Amcor Flexibles (New Zealand) Limited must, for **the printing hall** -

- (1) ensure the floor has a minimum fire-resistance rating of 120/120/120 minutes; and
- (2) ensure every wall has a minimum fire resistance rating of 120/120/120 minutes; and
- (3) have no openings or other penetrations in any wall other than the existing doorways as shown in the site plan, drawing number CC18234, dated 29.1.2019 [Issue A]; and
- (4) ensure the number and location of the open doorways comply with the site plan, drawing number CC18234, dated 29.1.2019 [Issue A]; and
- (5) ensure every doorway has a door that is self-closing, and has a fire resistance rating of - /120/60 minutes; and
- (6) notwithstanding condition (5), no doors are required for the doorway on site plan CC18234, dated 29.1.2019 [Issue A] connecting the printing hall to the ink store and the doorway immediately adjacent to printer F4 on the northern wall, but the areas around the doorways must be clear of any combustible material for a distance of 3 metres in all directions; and
- (7) ensure there is secondary containment capacity of no less than 1,750 litres across the printing hall as a whole, but not including the secondary containment provided by the three bunkers associated with Printer F6, Printer F5, and Printers F3 and F4, as shown on the site plan CC18234, dated 29.1.2019 [Issue A] ('the bunkers'). Secondary containment of 1,750 litres may be achieved by aggregating the secondary containment of the individual printers F2 to F6; and
- (8) ensure each printing press has a dedicated spill kit that can be immediately accessed in the event of a spill or loss of containment; and
- (9) limit the quantity of 3.1B and 3.1C flammable liquids to a maximum aggregate of 1,750 litres, not including any flammable substance held within the bunkers and any pipework (including external pipework) associated with the bunkers; and
- (10) exclude, at all times, any 3.1A flammable liquids from the printing hall, including the bunkers; and
- (11) ensure the bunkers comply with the requirements for a type 2 workroom as specified in the HS Regulations; and
- (12) ensure each printing press is equipped with temperature sensors connected to a carbon dioxide suppression system as set out in *Attachment 8 – Site and Equipment Fire Protection Systems* of the application received from Amcor Flexibles (New Zealand) Limited dated 14 September 2020. That attachment forms part of these conditions; and
- (13) ensure each printing press is equipped with Honeywell Optima sensors (or equivalent) for monitoring the presence of class 3.1 flammable vapours; and

- (14) ensure that the sensors referred to condition (13) are set such that at 25% of the lower explosive limit (LEL) the alarms on the printer sounds, at 30% of the LEL the printer stops and at 35% of the LEL all power to the printer is turned off; and
- (15) ensure that the sprinkler system is maintained in compliance with NZS 4541:2020 *Automatic fire sprinkler systems*. The sprinkler system must be connected to the town water supply, with a water tank for on-site water to the sprinklers, if required; and
- (16) ensure that the printing hall is not occupied as a dwelling.

Amcor Flexibles (New Zealand) Limited must, for **the laminating hall** -

- (17) ensure the floor must have a minimum fire resistance rating of 60/60/60 minutes; and
- (18) ensure every wall has a minimum fire resistance rating of 60/60/60 minutes; and
- (19) have no openings or penetrations in any wall other than the existing doorways as shown in the site plan, drawing number CC18234, dated 29.1.2019 [Issue A]; and
- (20) ensure every doorway has a door that is self-closing and have a fire resistance rating of -/60/60 minutes; and
- (21) notwithstanding condition (20), the sliding door connecting the laminating hall to the printing hall must have a fire resistance rating of -/120/60 minutes; and
- (22) ensure there is secondary containment capacity of at least 100% of the total pooling potential of flammable liquids in the laminating hall (including any temporary storage); and
- (23) limit the quantity of class 3.1B and class 3.1C flammable liquids to a maximum aggregate of 150 litres; and
- (24) exclude, at all times, any class 3.1A flammable liquids from the laminating hall; and
- (25) ensure that the laminator is installed with Honeywell Optima sensors (or equivalent) for monitoring the presence of class 3.1 flammable vapours; and
- (26) ensure that the sensors referred to condition (25) are set such that at 25% of the lower explosive limit (LEL) the alarms on the printer sounds, at 30% of the LEL the laminator stops and at 35% of the LEL all power to the laminator is turned off; and
- (27) ensure that the sprinkler system is maintained in compliance with NZS 4541:2020 *Automatic fire sprinkler systems*. The sprinkler system must be connected to the town water supply, with a water tank for on-site water to the sprinklers, if required; and
- (28) ensure that the laminating hall is not occupied as a dwelling.

Amcor Flexibles (New Zealand) Limited must:

- (29) with respect to conditions (2) and (18), where Amcor Flexibles (New Zealand) Limited are required to upgrade the walls to meet the fire resistance rating for walls specified in conditions (2) and (18), complete such work no later than 31 December 2025; and
- (30) with respect conditions (5) and (20), where Amcor Flexibles (New Zealand) Limited are required to install and/or upgrade the doors to meet the fire resistance ratings for doors specified in conditions (5) and (20), complete such work no later than 31 December 2023; and
- (31) within one month of coming into compliance with conditions (2), (5), (18) and (20), taking into account conditions (29) and (30), provide evidence to WorkSafe New Zealand that the walls and doors meet the fire resistance rating required by conditions (2), (5), (18) and (20), as appropriate; and


- (32) provide a copy of this exemption to any compliance certifier engaged to issue a location compliance certificate for the site; and
- (33) hold a copy of this Notice of Exemption at the site.

This exemption ceases if:

- (i) any of these conditions are not complied with; or
- (ii) there is a change in the layout of the site from that shown in the site plan in Appendix 6.

This exemption takes effect on 20 February 2023 and expires on 20 February 2028 unless it is replaced sooner or revoked.

Signed at Wellington this 10th day of February 2023



Darren Handforth
Head of High Hazards, Energy and Public Safety
WorkSafe New Zealand