
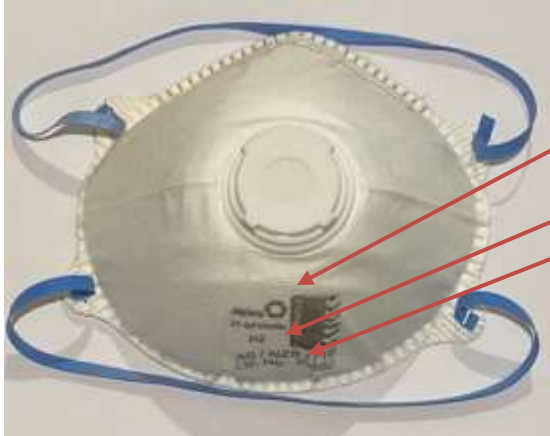


# LESSONS LEARNT

DETAILS	Report Reference Number	#	
Event Type	<input checked="" type="checkbox"/> Hazard	<input type="checkbox"/> Near Miss	<input type="checkbox"/> Incident
Relates To	<input checked="" type="checkbox"/> WHS	<input type="checkbox"/> Environment	<input type="checkbox"/> Rail Safety
Date	07/07/2020	Business Unit	Support Divisions
<b>Detailed Description of Event</b>			
<p>There has been an increase in demand for P2 respirators driven by both the bushfires and more immediately for CoV-SARS-2. This has resulted in <b>non-compliant products</b> such as (KN95 respirators) entering the Australian supply chain. The presence of these non-compliant, fake and faulty disposable respirators poses an immediate threat to the health and safety of workers.</p>			
		<div style="border: 1px solid black; padding: 5px;"> <p><b>Non-compliant KN95 RESPIRATORS have;</b></p> <ul style="list-style-type: none"> <li>No Standard number</li> <li>No manufacturer name, logo or model number</li> <li>No markings on packaging</li> <li>No EU CE mark and Notified Body number</li> </ul> </div>	
<p><b>The use of KN95 respirators as seen in the photo above is not recommended for use in Australian work environments.</b></p> <p>The critical issues associated with KN95 respirators include their lack of filtration efficiency, inconsistent quality, and poor effective face fit performance across a range of individuals. Preference should be given to P2 or other international equivalently designed and manufactured products, such as N95 or FFP2 respirators.</p>			
<b>Buying P2, or Equivalent Respirators.</b>			
<p>In Australia and New Zealand respirators must meet the Australian and New Zealand Standard (e.g. AS/NZS1716:2012). The table below provides guidance on the applicable standards. Caution is needed when procuring respirators claiming compliance with other international standards and the purchaser should have a good understanding of the limitations involved when doing so. The photo below demonstrates the markings on a compliant P2 respirator.</p>			
		<div style="border: 1px solid black; padding: 5px;"> <p><b>Required markings comprise:</b></p> <ul style="list-style-type: none"> <li>The manufacturer's name, trade name or mark</li> <li>The filter classification (e.g. P1 or P2)</li> <li>The term "AS/NZS:1716"</li> </ul> </div>	

## LESSONS LEARNT

ARTC workers must not purchase KN95 respirators. Team members must purchase respirators that meet the Australian and New Zealand Standard (e.g. AS/NZS1716:2012). Other jurisdictions are in the table below.

1: P2 Product Equivalents and their Relevant Standard Product type	Jurisdiction	Relevant Standard	Class
P2	Australia and New Zealand	AS/NZS 1716:2012	P2
N95	USA	NIOSH-42CFR84	N95
FFP2	Europe	EN 149-2001	FFP2
<b>KN95</b>	<b>China</b>	<b>GB 2626:2019</b>	<b>KN95</b>

### Basic Root Cause/ Lessons Learnt

**The use of KN95 respirators is not recommended for use in Australian work environments.**


### Agreed Corrective Actions

**All existing KN95 class masks or P2 masks that do not meet the below five questions should be discarded.**

1. Is a copy of the EU certification and the Declaration of Conformity (DoC) available?
2. Are the manufacturers' user instructions provided?
3. Examine the markings on the product –are they all there and do they look correct?
4. Are there any misspelt words?
5. Are you purchasing from a reputable PPE supplier? (not a hardware shop or eBay)

If there is any further questions or clarification, please discuss with your leader and ask a member of your safety team.

Procurement has examined our purchases across ARTC to identify purchases made by purchase order. Procurement has identified there have been no KN95 masks purchased through our PPE supplier. Anyone who has purchased P2 masks on an ARTC credit card should advise their leader and contact their safety team, to make an assessment.

Leader Approval	Mark Blackmore	Position	General Manager Safety & Environment.
Signature		Date	13/07/2020