

## Warwick Stimson

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**From:** Qureshi, Zeeshan <Zeeshan.Qureshi@safework.nsw.gov.au>  
**Sent:** Monday, 4 September 2017 11:57 AM  
**To:** Warwick Stimson  
**Cc:** Anderson, Katy  
**Subject:** RE: 1216 Braymont Road, Boggabri

### Security Classification:UNCLASSIFIED

Hi Warwick,

Based on the amended information that you shared. Please note the revised AQR calculation.

|   | Product/substance / chemical name | Dangerous Goods Category & Code | UN Number | Maximum Qty(tonnes) | MHF Threshold Qty (tonnes) | AQR   |
|---|-----------------------------------|---------------------------------|-----------|---------------------|----------------------------|-------|
| 1 | Ammonium Nitrate Emulsion         | Class 5.1                       | 3375      | 176                 | 200                        | 0.88  |
| 2 | Ammonium Nitrate Solution         | Class 5.1                       | 2426      | 215                 | 2500                       | 0.086 |
| 3 | Mineral Oil                       | Class 1                         | x         | x                   | x                          | x     |
| 4 | Oxidiser Solution                 | Class 5.1                       | x         | x                   | x                          | x     |
| 5 | Emulsifier Oil                    | Class 1                         | x         | x                   | x                          | x     |

Total **0.966**

As explained earlier, if the AQR exceeds 1.0 then the facility would be regarded as MHF. In this case, based on the information that you provided. The facility would not be MHF. Please note that facility such as this falls in category of "potential MHF" where chemicals in excess of 10 per cent of their threshold quantity, but does not exceed their threshold quantity, may also be determined to be a major hazard facility if we consider that there is a potential for a major incident to occur at the facility – e.g. a spill, leak, fire or explosion. **Click [here](#), for the complete information about what an operator such as this applicant needs to do.**

The link further provides information of relevant WHS laws that are related to the MHF (major hazard facility).

Please feel free to give me a call to provide you any further information / guidance related to your query.

Thanks and best regards,

**Zeeshan Qureshi**

State Inspector|Specialist Services - Process Safety

Hazardous Chemical Services | Work Health & Safety Division

SafeWork NSW | [www.safework.nsw.gov.au](http://www.safework.nsw.gov.au)

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