H2Teesside Project

Environmental Statement

Volume III – Appendices

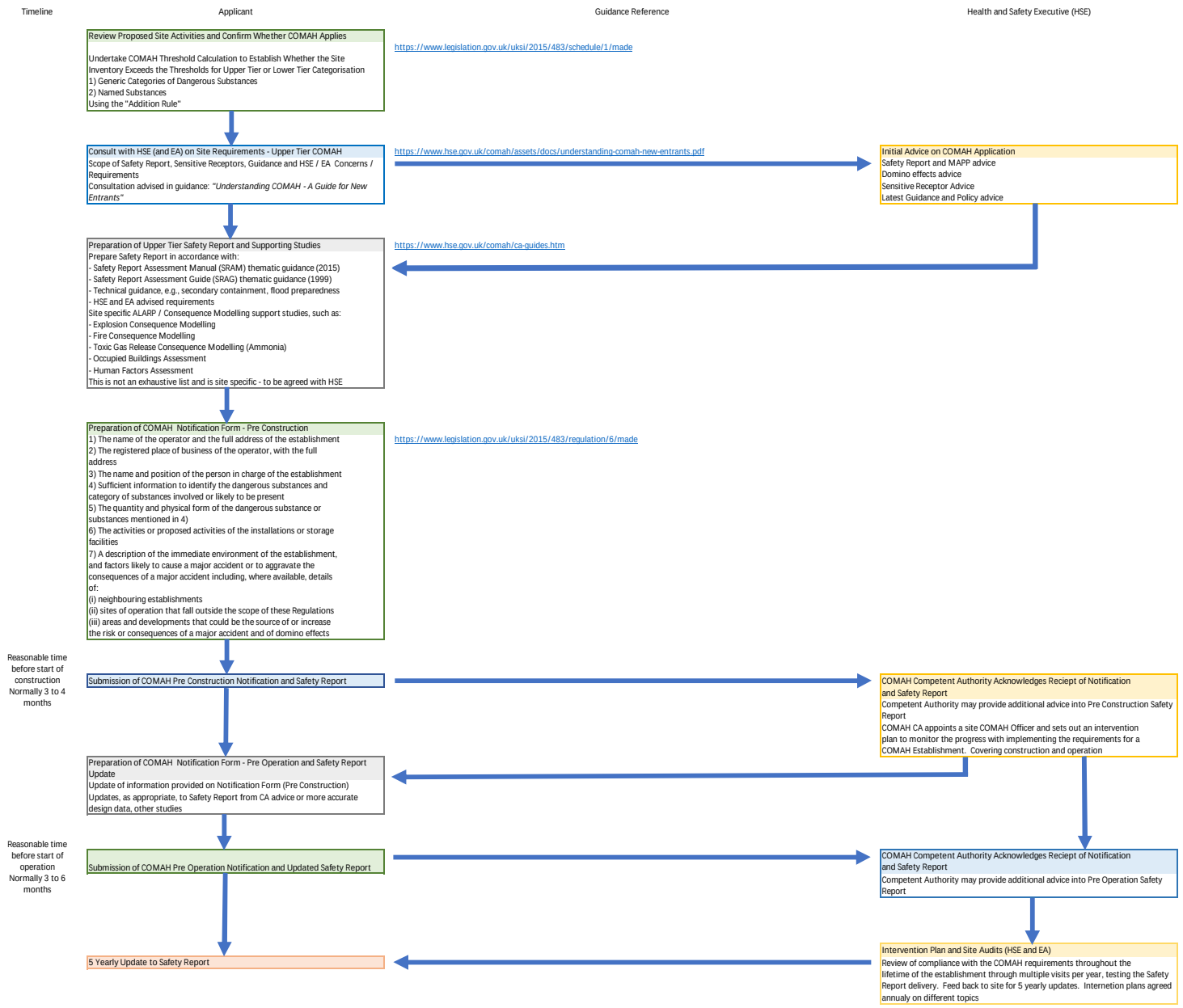
Appendix 20C: COMAH Flowchart

Document Reference: 6.4.35

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (as amended)

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulation 5(2)(a)

Rev: 0


Timeline
Applicant
Guidance Reference
Health and Safety Executive (HSE)
Review Proposed Site Activities and Confirm Whether COMAH Applies
Undertake COMAH Threshold Calculation to Establish Whether the Site Inventory Exceeds the Thresholds for Upper Tier or Lower Tier Categorisation
1) Generic Categories of Dangerous Substances
2) Named Substances
Using the "Addition Rule"
https://www.legislation.gov.uk/uksi/2015/483/schedule/1/made
Consult with HSE (and EA) on Site Requirements - Upper Tier COMAH
Scope of Safety Report, Sensitive Receptors, Guidance and HSE / EA Concerns / Requirements
Consultation advised in guidance: "Understanding COMAH - A Guide for New Entrants"
https://www.hse.gov.uk/comah/assets/docs/understanding-comah-new-entrants.pdf
Initial Advice on COMAH Application
Safety Report and MAPP advice
Domino effects advice
Sensitive Receptor Advice
Latest Guidance and Policy advice
Preparation of Upper Tier Safety Report and Supporting Studies
Prepare Safety Report in accordance with:
- Safety Report Assessment Manual (SRAM) thematic guidance (2015)
- Safety Report Assessment Guide (SRAG) thematic guidance (1999)
- Technical guidance, e.g., secondary containment, flood preparedness
- HSE and EA advised requirements
Site specific ALARP / Consequence Modelling support studies, such as:
- Explosion Consequence Modelling
- Fire Consequence Modelling
- Toxic Gas Release Consequence Modelling (Ammonia)
- Occupied Buildings Assessment
- Human Factors Assessment
This is not an exhaustive list and is site specific - to be agreed with HSE
https://www.hse.gov.uk/comah/ca-guides.htm
Preparation of COMAH Notification Form - Pre Construction
1) The name of the operator and the full address of the establishment
2) The registered place of business of the operator, with the full address
3) The name and position of the person in charge of the establishment
4) Sufficient information to identify the dangerous substances and category of substances involved or likely to be present
5) The quantity and physical form of the dangerous substance or substances mentioned in 4)
6) The activities or proposed activities of the installations or storage facilities
7) A description of the immediate environment of the establishment, and factors likely to cause a major accident or to aggravate the consequences of a major accident including, where available, details of:
(i) neighbouring establishments
(ii) sites of operation that fall outside the scope of these Regulations
(iii) areas and developments that could be the source of or increase the risk or consequences of a major accident and of domino effects
https://www.legislation.gov.uk/uksi/2015/483/regulation/6/made
Reasonable time before start of construction Normally 3 to 4 months
Submission of COMAH Pre Construction Notification and Safety Report
COMAH Competent Authority Acknowledges Reciept of Notification and Safety Report
Competent Authority may provide additional advice into Pre Construction Safety Report
COMAH CA appoints a site COMAH Officer and sets out an intervention plan to monitor the progress with implementing the requirements for a COMAH Establishment. Covering construction and operation
Preparation of COMAH Notification Form - Pre Operation and Safety Report Update
Update of information provided on Notification Form (Pre Construction)
Updates, as appropriate, to Safety Report from CA advice or more accurate design data, other studies
Reasonable time before start of operation Normally 3 to 6 months
Submission of COMAH Pre Operation Notification and Updated Safety Report
COMAH Competent Authority Acknowledges Reciept of Notification and Safety Report
Competent Authority may provide additional advice into Pre Operation Safety Report
5 Yearly Update to Safety Report
Intervention Plan and Site Audits (HSE and EA)
Review of compliance with the COMAH requirements throughout the lifetime of the establishment through multiple visits per year, testing the Safety Report delivery. Feed back to site for 5 yearly updates. Internetion plans agreed annualy on different topics