

injury, including the specified wind directions and speeds and the absence of steady rain. Favorable forecast meteorological conditions, as indicated by dispersion modeling, when flaring at  $50 \times 10^3 \text{ m}^3/\text{d}$ , are:

- when winds are from ESE ( $95^\circ$ - $120^\circ$ ) or ESE-SSE ( $125^\circ$ - $155^\circ$ ) for atmospheric stability class 6,
- when winds are from ENE-SSE ( $50^\circ$ - $155^\circ$ ) for atmospheric stability class 5,
- when winds are consistent in the same direction ( $\pm 5^\circ$ ) for 2 or more consecutive hours then the flaring only occur under the following conditions:
  - for atmospheric stability class 4, with winds from ENE-SSW ( $70^\circ$ - $205^\circ$ ) or WNW-NNE ( $285^\circ$ - $40^\circ$ ),
  - for atmospheric stability class 3, with winds from WNW-SSW ( $285^\circ$ - $200^\circ$ ),
  - for atmospheric stability class 2, with winds from WSW-SSW ( $255^\circ$ - $205^\circ$ ),
  - for atmospheric stability class 1, with winds from WNW ( $290^\circ$ - $285^\circ$ )

when flaring at  $75 \times 10^3 \text{ m}^3/\text{d}$ , are:

- when winds are from ENE-SSE ( $70^\circ$ - $155^\circ$ ) for atmospheric stability class 5,
- when winds are consistent in the same direction ( $\pm 5^\circ$ ) for 2 or more consecutive hours then the flaring only occur under the following conditions:
  - for atmospheric stability class 4, with winds from ENE-SSW ( $75^\circ$ - $190^\circ$ ) or WNW-NNE ( $285^\circ$ - $30^\circ$ ),
  - for atmospheric stability class 3, with winds from WNW-SSW ( $285^\circ$ - $200^\circ$ ),
  - for atmospheric stability class 2, with winds from WSW-SSW ( $255^\circ$ - $205^\circ$ ),
  - for atmospheric stability class 1, with winds from WNW ( $290^\circ$ - $285^\circ$ )

when flaring at  $100 \times 10^3 \text{ m}^3/\text{d}$ , are:

- when winds are from ENE-SSE ( $80^\circ$ - $155^\circ$ ) for atmospheric stability class 5,
- when winds are consistent in the same direction ( $\pm 5^\circ$ ) for 2 or more consecutive hours then the flaring only occur under the following conditions:
  - for atmospheric stability class 4, with winds from ENE-SSW ( $75^\circ$ - $200^\circ$ ) or WNW-NNE ( $285^\circ$ - $40^\circ$ ),
  - for atmospheric stability class 3, with winds from ENE-SSW ( $75^\circ$ - $200^\circ$ ) or WNW-NE ( $285^\circ$ - $45^\circ$ ),
  - for atmospheric stability class 2, with winds from NNE-SSW ( $40^\circ$ - $205^\circ$ ) or WSW-NNE ( $255^\circ$ - $35^\circ$ ),
  - for atmospheric stability class 1, with winds from WNW ( $290^\circ$ - $285^\circ$ )

when flaring at  $150 \times 10^3 \text{ m}^3/\text{d}$ , are:

- when winds are from ENE-ESE ( $80^\circ$ - $130^\circ$ ) for atmospheric stability class 5,
- when winds are from ENE-SSW ( $75^\circ$ - $200^\circ$ ) or WNW-NNE ( $285^\circ$ - $35^\circ$ ) for atmospheric stability class 3,
- when winds are consistent in the same direction ( $\pm 5^\circ$ ) for 2 or more consecutive hours then the flaring only occur under the following conditions:
  - for atmospheric stability class 4, with winds from ENE-SSW ( $75^\circ$ - $195^\circ$ ) or WNW-NNE ( $285^\circ$ - $35^\circ$ ),
  - for atmospheric stability class 2, with winds from NNE-SSW ( $40^\circ$ - $205^\circ$ ) or WSW-NNE ( $255^\circ$ - $35^\circ$ ),
  - for atmospheric stability class 1, with winds from WNW-W ( $280^\circ$ - $270^\circ$ )

when flaring at  $300 \times 10^3 \text{ m}^3/\text{d}$ , are: