FACTOR OF CONSEQUENCES

1. If (Overload-of-other-units is Negligible) and (Mean-Load is Negligible) and (Critical-Loads is None) and (Oil-Volume is Low) and (Proximity-to-other-buildings is Negligible) and (Penalties is Low) then (Consequence-Factor is Very-Low) (1)

2. If (Oil-Volume is Low) and (Proximity-to-other-buildings is Very-high) then (Consequence-Factor is Very-Low) (1)

3. If (Oil-Volume is Low) and (Proximity-to-other-buildings is Low) then (Consequence-Factor is Very-Low) (1)

4. If (Overload-of-other-units is Negligible) and (Mean-Load is Negligible) then (Consequence-Factor is Very-Low) (1)

5. If (Overload-of-other-units is Low) and (Mean-Load is Negligible) then (Consequence-Factor is Very-Low) (1)

6. If (Mean-Load is Negligible) and (Critical-Loads is not None) then (Consequence-Factor is Very-Low) (1)

7. If (Mean-Load is Low) and (Critical-Loads is not None) then (Consequence-Factor is Very-Low) (1)

8. If (Overload-of-other-units is Low) or (Mean-Load is Negligible) or (Oil-Volume is Low) or (Proximity-to-other-buildings is Low) or (Penalties is Low) then (Consequence-Factor is Low) (1)

9. If (Overload-of-other-units is Low) or (Mean-Load is Low) or (Oil-Volume is Low) or (Proximity-to-other-buildings is Low) or (Penalties is Low) then (Consequence-Factor is Low) (1)

10. If (Oil-Volume is Moderate) and (Proximity-to-other-buildings is Negligible) then (Consequence-Factor is Low) (1)

11. If (Overload-of-other-units is Moderate) and (Mean-Load is Negligible) then (Consequence-Factor is Low) (1)

12. If (Overload-of-other-units is Low) and (Mean-Load is Low) then (Consequence-Factor is Low) (1)

13. If (Overload-of-other-units is Negligible) and (Mean-Load is Moderate) then (Consequence-Factor is Low) (1)

14. If (Mean-Load is Moderate) and (Critical-Loads is None) then (Consequence-Factor is Low) (1)

15. If (Mean-Load is Negligible) and (Critical-Loads is Moderate) then (Consequence-Factor is Low) (1)

16. If (Mean-Load is Low) and (Critical-Loads is Moderate) then (Consequence-Factor is Low) (1)

17. If (Oil-Volume is Moderate) or (Proximity-to-other-buildings is Moderate) or (Penalties is Moderate) then (Consequence-Factor is Moderate) (1)

18. If (Oil-Volume is Low) and (Proximity-to-other-buildings is Moderate) then (Consequence-Factor is Moderate) (1)

19. If (Oil-Volume is Low) and (Proximity-to-other-buildings is High) then (Consequence-Factor is Moderate) (1)

20. If (Oil-Volume is Moderate) and (Proximity-to-other-buildings is Low) then (Consequence-Factor is Moderate) (1)

21. If (Oil-Volume is High) and (Proximity-to-other-buildings is Negligible) then (Consequence-Factor is Moderate) (1)

22. If (Oil-Volume is High) and (Proximity-to-other-buildings is Low) then (Consequence-Factor is Moderate) (1)

23. If (Overload-of-other-units is Moderate) and (Mean-Load is Low) then (Consequence-Factor is Moderate) (1)

24. If (Overload-of-other-units is Low) and (Mean-Load is Moderate) then (Consequence-Factor is Moderate) (1)

25. If (Overload-of-other-units is Low) and (Mean-Load is High) then (Consequence-Factor is Moderate) (1)

26. If (Mean-Load is High) and (Critical-Loads is None) then (Consequence-Factor is Moderate) (1)

27. If (Mean-Load is Very-high) and (Critical-Loads is None) then (Consequence-Factor is Moderate) (1)

28. If (Mean-Load is Moderate) and (Critical-Loads is Moderate) then (Consequence-Factor is Moderate) (1)

29. If (Mean-Load is Low) then (Consequence-Factor is Moderate) (1)

30. If (Mean-Load is Negligible) then (Consequence-Factor is Moderate) (1)

31. If (Overload-of-other-units is Moderate) or (Mean-Load is Moderate) or (Critical-Loads is Moderate) or (Oil-Volume is High) or (Proximity-to-other-buildings is High) or (Penalties is High) then (Consequence-Factor is High) (1)

32. If (Oil-Volume is Low) and (Proximity-to-other-buildings is Very-high) then (Consequence-Factor is High) (1)

33. If (Oil-Volume is Moderate) and (Proximity-to-other-buildings is High) then (Consequence-Factor is High) (1)

34. If (Oil-Volume is High) and (Proximity-to-other-buildings is Negligible) then (Consequence-Factor is High) (1)

35. If (Overload-of-other-units is high) and (Mean-Load is Negligible) then (Consequence-Factor is High) (1)

36. If (Overload-of-other-units is high) and (Mean-Load is Low) then (Consequence-Factor is High) (1)

37. If (Overload-of-other-units is high) and (Mean-Load is Moderate) then (Consequence-Factor is High) (1)

38. If (Overload-of-other-units is Moderate) and (Mean-Load is Moderate) then (Consequence-Factor is High) (1)

39. If (Overload-of-other-units is Moderate) and (Mean-Load is High) then (Consequence-Factor is High) (1)

40. If (Mean-Load is Very-high) and (Critical-Loads is Moderate) then (Consequence-Factor is High) (1)

41. If (Mean-Load is Moderate) and (Critical-Loads is Very-high) then (Consequence-Factor is High) (1)

42. If (Overload-of-other-units is high) or (Proximity-to-other-buildings is Very-high) or (Penalties is Very-high) then (Consequence-Factor is Very-high) (1)

43. If (Overload-of-other-units is Very-high) or (Mean-Load is Very-high) then (Consequence-Factor is Very-high) (1)

44. If (Oil-Volume is Moderate) and (Proximity-to-other-buildings is Very-high) then (Consequence-Factor is Very-high) (1)

45. If (Oil-Volume is High) and (Proximity-to-other-buildings is High) then (Consequence-Factor is Very-high) (1)

46. If (Oil-Volume is High) and (Proximity-to-other-buildings is Very-high) then (Consequence-Factor is Very-high) (1)

47. If (Overload-of-other-units is Very-high) and (Mean-Load is Negligible) then (Consequence-Factor is Very-high) (1)

48. If (Overload-of-other-units is Very-high) and (Mean-Load is Low) then (Consequence-Factor is Very-high) (1)

49. If (Overload-of-other-units is Very-high) and (Mean-Load is Moderate) then (Consequence-Factor is Very-high) (1)

50. If (Overload-of-other-units is high) and (Mean-Load is High) then (Consequence-Factor is Very-high) (1)

51. If (Overload-of-other-units is Very-high) and (Mean-Load is High) then (Consequence-Factor is Very-high) (1)

52. If (Overload-of-other-units is Very-high) and (Mean-Load is Very-high) and (Critical-Loads is Moderate) then (Consequence-Factor is Very-high) (1)

53. If (Overload-of-other-units is Very-high) and (Mean-Load is Very-high) and (Critical-Loads is Very-high) then (Consequence-Factor is Very-high) (1)

54. If (Overload-of-other-units is Very-high) and (Mean-Load is High) and (Critical-Loads is Very-high) then (Consequence-Factor is Very-high) (1)

RISK INDEX

1. If (Health-Index is Very-Good) and (Consequence-Factor is Very-Low) then (Risk-Index is Low) (1)

2. If (Health-Index is Very-Good) and (Consequence-Factor is Low) then (Risk-Index is Low) (1)

3. If (Health-Index is Very-Good) and (Consequence-Factor is Moderate) then (Risk-Index is Low) (1)

4. If (Health-Index is Very-Good) and (Consequence-Factor is High) then (Risk-Index is Moderate) (1)

5. If (Health-Index is Very-Good) and (Consequence-Factor is Very-High) then (Risk-Index is High) (1)

6. If (Health-Index is Good) and (Consequence-Factor is Very-Low) then (Risk-Index is Low) (1)

7. If (Health-Index is Good) and (Consequence-Factor is Low) then (Risk-Index is Low) (1)

8. If (Health-Index is Good) and (Consequence-Factor is Moderate) then (Risk-Index is Moderate) (1)

9. If (Health-Index is Good) and (Consequence-Factor is High) then (Risk-Index is Moderate) (1)

10. If (Health-Index is Good) and (Consequence-Factor is Very-High) then (Risk-Index is High) (1)

11. If (Health-Index is Moderate) and (Consequence-Factor is Very-Low) then (Risk-Index is Low) (1)

12. If (Health-Index is Moderate) and (Consequence-Factor is Low) then (Risk-Index is Moderate) (1)

13. If (Health-Index is Moderate) and (Consequence-Factor is Moderate) then (Risk-Index is High) (1)

14. If (Health-Index is Moderate) and (Consequence-Factor is High) then (Risk-Index is High) (1)

15. If (Health-Index is Moderate) and (Consequence-Factor is Very-High) then (Risk-Index is High) (1)

16. If (Health-Index is Bad) and (Consequence-Factor is Very-Low) then (Risk-Index is Moderate) (1)

17. If (Health-Index is Bad) and (Consequence-Factor is Low) then (Risk-Index is Moderate) (1)

18. If (Health-Index is Bad) and (Consequence-Factor is Moderate) then (Risk-Index is High) (1)

19. If (Health-Index is Bad) and (Consequence-Factor is High) then (Risk-Index is Critical) (1)

20. If (Health-Index is Bad) and (Consequence-Factor is Very-High) then (Risk-Index is Critical) (1)

21. If (Health-Index is Very-Bad) and (Consequence-Factor is Very-Low) then (Risk-Index is High) (1)

22. If (Health-Index is Very-Bad) and (Consequence-Factor is Low) then (Risk-Index is High) (1)

23. If (Health-Index is Very-Bad) and (Consequence-Factor is Moderate) then (Risk-Index is High) (1)

24. If (Health-Index is Very-Bad) and (Consequence-Factor is High) then (Risk-Index is Critical) (1)

25. If (Health-Index is Very-Bad) and (Consequence-Factor is Very-High) then (Risk-Index is Critical) (1)

26. If (Health-Index is Very-Bad) then (Risk-Index is Critical) (1)

27. If (Consequence-Factor is Very-High) then (Risk-Index is Critical) (1)

28. If (Health-Index is Very-Good) and (Consequence-Factor is Very-High) then (Risk-Index is Low) (1)

29. If (Health-Index is Very-Bad) and (Consequence-Factor is Very-Low) then (Risk-Index is Low) (1)