

Code	ข้อที่ 1		ข้อที่ 2			ข้อที่ 3	ข้อที่ 4	ข้อที่ 5	ข้อที่ 6	ข้อที่ 7	ข้อที่ 8	ข้อที่ 9	ข้อที่ 10	ข้อที่ 11	ข้อที่ 12	ข้อที่ 13	ข้อที่ 14			ข้อที่ 15	ข้อที่ 16	ข้อที่ 17 TLV			ข้อที่ 18	ข้อที่ 19	ข้อที่ 20	คะแนน	ร้อยละ	
	1.1 Ethic	1.2 History	1.3 unsafe Act/con			MSDS Definition	Abreviatives	FTA	Fire decision	Dusts	LD50	Natural gas	Extinguishers	Waste disposal	Statistics	Chemical	14.1 Safety Sigh	14.2 Safety sign	14.3 Safety sign	Chosen Conditions	Control	17.1	17.2	17.3	Chemical Property	Ventillation	Emergency exposure			
503040470-	2	4	4.5	2	2	5	3	4	0	6.5	7	1.5	1	1.5	10	2	5	12	5	1.5	5.5	3.5	2	10	5	9	15	30	159.0	76.8
503041125-	2	2	4	2	2	4	3	3.5	0.5	5	3	0	2	1.5	5	2	7	10	5	0	5.5	3.5	0	0.5	5	7	17	0	102.0	49.3
503040849-	2	2	4	2	2	5	0	1.5	1.5	4	3	3	0	2	3	2	8	10	1	0.5	6	3.5	0	0	5	6	15	20	111.5	53.9
503040607-	2	4	6	2	0	3	0	2	1.5	5	3	3	2	3.5	10	2	6	11	0	2.5	6.5	3	0	10	5	9	15	17	134.0	64.7
503040942-	2	2	6	2	0	0	3	3	0	4	6	4	1	2	10	0	4	5	5	1	8.5	3	0	1	0	6	25	35	138.5	66.9
503040878-	2	4	4.5	2	2	5	3	5.5	2.5	4	7	3	2	4	10	0	8	12	0	3	9	4	2	10	5	9	25	40	187.5	90.6
503040851-	2	2	5	2	0	3	0	2	0	5	3	3	1	3.5	6	2	9	6.5	5	4.5	6.5	2.5	1	1	2	5	0	11	93.5	45.2
503040951-	2	4	6	2	2	6	3	1	0	5	3	4	1	1.5	2	2	8	9	5	2	8	2.5	0	5	5	7.5	20	2	118.5	57.2
503040914-	2	0	4	2	0	2	3	3.5	2	4	3	4	1	2	0	0	7	10	0	4	5.5	2.5	1	7	5	5	17	0	96.0	46.4
503040813-	2	4	5	2	0	3	3	4.5	1	5	5	4	1	3.5	4	0	9	8	0	2	6	3.5	0	0	5	4	20	22	126.5	61.1
503040814-	2	2	6	2	0	6	3	2	0	4.5	5	3.5	2	2	4	0	4	12	5	1	7	2.5	0	6	5	7	20	1	114.0	55.1
503040368-	2	2	4	2	0	3	0	2.5	0	4	3	4	2	2.5	5	0	6	11	0	2	5.5	4.5	0	9	1	3.5	15	0	93.5	45.2
513041030-	2	1	6	2	2	0	3	0.5	0	5	7	0	1	1.5	2	0	9	7.5	5	0.5	8	3.5	1	0	5	9	0	0	81.5	39.4
503040485-	2	4	5	2	2	5	3	4	2.5	4	2	3	2	1.5	5	0	4	3	0	0.5	5	3	1	5	5	8	20	5	106.0	51.2
503040460-	2	4	6	2	2	5	3	4.5	2.5	4	5	3.5	1	3.5	10	0	5	11	5	2.5	7	2	1	1.5	5	8	3	0	108.5	52.4
503040418-	2	0	4	2	2	6	0	3	0	4	4	0	2	1.5	10	0	7	10	0	0	6.5	3	1	7.5	5	9	7	0	96.5	46.6

503040491-	2	4	4.5	2	2	5	3	3.5	3	5	4	4	2	2	10	0	4	12	5	2.5	8.5	4	0	10	5	8	12	36	162.5	78.5
503040583-	2	2	4	2	2	0	0	5	4.5	5	2	2	2	10	2	7	9	3.5	1.5	8	4	1	10	2.5	6	17	38		152.0	73.4
503041145-	2	1	3.5	2	0	5	3	5	0.5	4	4	0	0	3.5	10	2	8	8	2	1	7.5	3	1	6	5	8	15	5	114.5	55.3
503040929-	2	4	6	2	2	2	3	4	0.5	5	4	4	0	1.5	10	0	7	10	0	2	6.5	4	0	1	1	9	20	12	122.0	58.9
503040606-	2	2	4	2	0	6	3	3	1.5	4	7	3	0	1.5	10	2	4	12	0	2	6	3.5	0	6	5	5	25	25	144.5	69.8
503040896-	0	0	3	2	2	6	3	3.5	2.5	4	5	3	2	2	10	2	6	11	0.5	2	7	3.5	1	4	5	7.5	15	5	117.5	56.8
503040873-	2	2	6	2	2	5	3	3.5	2.5	5	5	4	1	3.5	10	0	4	11	4.5	3.5	7.5	3.5	0	6	2	6	20	2	126.5	61.1
503041107-	2	0	5	2	0	1	0	1.5	0.5	5	2	4	0	1.5	2.5	0	5	8.5	1.5	0	5.5	2.5	1	1	0.5	5.5	15	8	81.0	39.1
503040799-	2	2	4	2	2	5	0	3.5	2	4	5	2	2	3	3	0	5	5	5	2.5	4.5	3	0	0	5	5	15	35	126.0	60.9
503041126-	2	1	6	2	0	1	3	0.5	0	4	3	1	0	1.5	0	0	4	8	0	2	5.5	2.5	0	0	5	6	2	0	59.5	28.7
503040894-	2	4	5	2	2	5	3	0	0	4	3	2	2	3.5	7	2	8	10	0.5	1	6.5	3	1	1	5	3	2.5	0	87.5	42.3
503040940-	2	1	0	2	0	0	3	1	0	5	5	0	2	4	10	2	6	11	4	0	6.5	3	1	9	0	5	0	0	82.5	39.9
503040945-	2	2	4.5	2	0	1	0	2	1	4	2	1	1	1.5	2	0	7	10	5	3	8	3.5	1	0	1	9	0	5	78.5	37.9
503040907-	0	4	5	1	2	5	0	4	0.5	5	3	2.5	1	2	10	2	7	11	5	2.5	6	3	0	9	5	9	19	1	123.5	59.7
503041099-	2	2	6	2	2	5	3	3	0.5	4	7	0	2	1.5	10	5	9	5	2	5.5	5	1	0	5	8	20	39		154.0	74.4
513041146-	2	1	3	2	0	3	0	2.5	0	4	5	2	1	2.5	2.5	0	8	10	0	0	7.5	3.5	1	1.5	0	7	20	10	98.5	47.6
503040919-	2	1	4	2	2	0	3	2	1	4.5	4	3	1	3	10	2	7	10	1	2.5	7	3.5	1	6	5	9	22	25	143.5	69.3
503041155-	2	0	4	2	0	1	3	1.5	2.5	4.5	4	2	1	1.5	10	2	4	12	0	0	0.5	2.5	0	5	2.5	7.5	20	7	101.5	49.0
503040931-	2	0	3	2	0	3	0	4	1	5	3	4	0	2.5	2.5	2	6	11	5	1	3	2.5	0	3	4	6	20	0	95.5	46.1
503041116-	2	4	4	2	0	1	3	1.5	0	4	3	3	1	1.5	2	0	6	9	0	1	7	2	0	2.5	0	6	20	2	87.0	42.0
503040877-	2	2	4	2	2	5	3	3.5	1.5	5	4	3	3	4	10	2	8	11	5	2.5	8.5	3	0	5	5	7	20	25	156.0	75.4
503040818-	2	1	4.5	2	2	1	0	3	3	5	5	1	1	3.5	10	2	6	12	1.5	3.5	6.5	2.5	1	6	1	9	20	12	127.0	61.4

503040808-	2	2	4	2	2	6	3	1	0	4	5	3	2	4	3	0	9	9	4.5	5	6	3	0	6	5	6	15	0	111.5	53.9
503041100-	2	0	4	2	2	6	3	1.5	2	5	3	4	2	1.5	5	2	6	12	5	1.5	6	4	1	0	1	7	2	20	110.5	53.4
513041000-	2	1	4	2	2	1	3	2.5	1.5	5	1	2	0	1.5	2	2	7	10	0	0	5.2	2	1	5	2.5	7	5	1	78.2	37.8
503041156-	2	1	4	2	0	1	3	3.5	0	5	3	4	1	1.5	2.5	0	7	8	5	5	9	4	1	10	0	9	23	30	144.5	69.8
503040888-	2	2	5	2	0	5	3	3	0	4	3	2	1	3.5	10	2	5	12	0.5	0	6	3	1	6	3	7.5	17	0	108.5	52.4
503040293-	2	2	4	2	2	3	3	4.5	3	4.5	5	1	1	2.5	10	0	6	8	0	2	3.5	2.5	1	6	5	4	25	38	150.5	72.7
503040404-	2	2	6	2	2	5	0	4	1	4	7	4	0	1	10	0	6	11	2	5	6.5	3	0	0	5	9	20	37	154.0	74.4
503040443-	2	4	6	2	2	6	3	4.5	2	4.5	4	2	1	1.5	10	0	6	9	5	0.5	6.5	3	0	3.5	1.5	6	6	25	126.5	61.1
503040798-	2	4	6	2	2	5	3	3.5	1	4	3	3	1	2	10	0	3	11	0	0	4.5	2.5	0	0.5	2	5	25	20	124.5	60.1
503040570-	2	2	4.5	2	2	1	0	2.5	2.5	4	5	3	1	2	5	0	7	11	3.5	2.5	8	2	0	6	5	9	15	3	110.5	53.4
503040456-	2	4	4	2	0	0	0	2.5	0.5	5	3	1	2	1.5	10	0	6	5	0	2.5	6.5	3.5	1	10	5	8	20	1	106.0	51.2
503040905-	2	2	4	2	0	3	0	4	2	5	5	4	1	2	7	0	8	9	5	0	7.5	3	1	6	5	8	20	15	130.5	63.0
503040961-	2	2	4	2	2	3	3	2.5	0.5	5	4	3	1	3.5	0	0	9	10	5	1	4.5	3	0	0	5	5	25	17	122.0	58.9
513041013-	2	2	4	2	0	1	3	2	0.5	5	5	2	0	1.5	2	0	5	9	2	2	6	2	0	1.5	0	8	0	5	72.0	34.8
503040947-	2	2	3	2	2	3	3	1.5	1	5	5	1	0	1.5	10	2	7	10	5	2.5	6.5	4	1	1	5	9	20	8	123.0	59.4
503041123-	2	2	4	2	2	4	3	4	0	5	5	4	1	2	2.5	2	7	10	0	2	9	2.5	0	1.5	5	8	20	20	129.5	62.6
503040465-	2	1	5	2	2	5	3	4	2.5	4	5	3	2	1	2	0	5	11	2	2.5	6.5	2	0	2	5	9	20	0	108.0	52.2
503041111-	0	0	3.5	2	0	0	3	0.5	1	3	4	4	1	1.5	5	0	5	6	2	2	7	3	0	1	2	6	20	7	89.5	43.2
513041047-	2	4	6	2	0	5	3	2	0.5	5	5	2	1	1.5	0	2	5	7	2	1	6	3	0	0	0	5	0	5	74.5	36.0
503041105-	2	0	6	2	0	1	3	1.5	3	4	5	3	1	1.5	2.5	0	3	11	0	2	7	3	1	5	5	9	20	15	116.5	56.3
503040949-	2	4	4	2	2	0	0	3	2	5	1	0	0	1.5	3	2	7	4	0	1	7	4	0	1.5	0	8	12	35	111.0	53.6
503040887-	2	1	4	2	0	2	0	3	3	4	3	1	2	2	10	2	3	11	0.5	2	7	3	0	1	0.5	8	12	10	99.0	47.8

503041119-	2	4	5	2	2	4	0	3	0	4	7	0	1	0.5	2	2	6	11	2	2	5	2	0	1	2	3.5	20	19	111.5	53.9	
503040859-	2	0	3.5	2	0	3	3	2	0	4	3	1.5	1	1.5	10	2	6	11	0	0	6.5	2.5	0	10	2	8	20	35	139.5	67.4	
503040619-	2	2	4	2	2	5	3	3.5	3	5	5	3.5	0	1.5	10	0	4	11	4.5	4.5	6	2.5	0	10	3	7	25	20	148.5	71.7	
513041022-	0	2	6	2	2	1	3	0	0	4	2	0	2	1.5	2.5	2	8	0	0	1	8	3.5	0	1	0	6	0	0	57.0	27.5	
503041132-0	2	2	4	0	0	3	3	3	0	4	4	4	2	2.5	4	2	6	7	2	0	7.5	1	0	0	0	2	0	0	65.0	31.4	
513040996-																														0.0	0.0
503040582-	2	2	4	2	2	3	0	0.5	0	5	3	3	2	4	10	0	8	12	0	0	7	3	0	9	5	9	15	5	115.0	55.6	
503040845-	2	2	4	2	0	5	0	2	2.5	4	3	4	0	2	10	2	5	9.5	5	1	6.5	3	0	6	5	6	5	5	101.5	49.0	
503040463-	2	0	5	2	2	5	3	3.5	1.5	5	3	3	0	4	10	2	8	8	3.5	2.5	8	3	1	7	5	9	15	37	157.5	76.1	
503041143-	2	2	4	2	2	4	3	2.5	2.5	4	3	4	1	1.5	10	2	6	8	5	3	6.5	2.5	1	2	0	8	0	0	91.5	44.2	
503040927-	2	1	3.5	2	2	2	0	3.5	0	4	4	2.5	0	1.5	0	2	8	6	5	5	6	2	1	6	5	5.5	15	17	111.5	53.9	