

QUALITY PERFORMANCE INDEX

LOUISIANA - LHC-3 ETHYLENE

1990

% Production Specs Reviewed in Last Year	% Raw Materials With Specs	% Customers with Needs Established	Number of Excursions	% Excursions Investigated	Percent of Critical Variables Measured and Charted	% Analyzers on Calibration Program	% Variables with Process Capability Determined
68.5 ^①	50	34	4	100	0	0	0

CRITERIA

PERFORMANCE

10/29

50	100	90	0	100	60	50	60
45	95	85	1	95	55	45	55
40	90	80	2	90	50	40	50
35	85	75	3	85	45	35	45
30	80	70	4	80	40	30	40
25	75	65	5	75	35	25	35
20	70	60	6	70	30	20	30
15	65	55	7	65	25	15	25
10	60	50	8	60	20	10	20
5	55	45	9	55	15	5	15
0	50	40	10	50	10	0	10

10

9

8

7

6

5

4

3

2

1

0

SCORE

10	0	0	6	10	0	0	0	SCORE
10	10	20	15	15	10	10	10	WEIGHT
100	0	0	90	150	0	0	0	VALUE

1ST QTR	2ND QTR	3RD QTR	4TH QTR
-	-	340	

INDEX

340

① Based on products w/specs currently in QAIS database

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CONFIDENTIAL

QUALITY PERFORMANCE INDEX LOUISIANA - LHC-3 ETHYLENE

1990

% Production Specs Reviewed in Last Year	% Raw Materials With Specs	% Customers with Needs Established	Number of Excursions	% Excursions Investigated	Percent of Critical Variables Measured and Charted	% Analyzers on Calibration Program	% Variables with Process Capability Determined
68.5	50	34	4	100	0	0	0

CRITERIA

PERFORMANCE

50	100	90	0	100	60	50	60
45	95	85	1	95	55	45	55
40	90	80	2	90	50	40	50
35	85	75	3	85	45	35	45
30	80	70	4	80	40	30	40
25	75	65	5	75	35	25	35
20	70	60	6	70	30	20	30
15	65	55	7	65	25	15	25
10	60	50	8	60	20	10	20
5	55	45	9	55	15	5	15
0	50	40	10	50	10	0	10

10
9
8
7
6
5
4
3
2
1
0

SCORE

10	0	0	6	10	0	0	SCORE
10	10	20	15	15	10	10	WEIGHT
100	0	0	90	150	0	0	VALUE

1ST QTR	2ND QTR	3RD QTR	4TH QTR
-	-	340	340

INDEX
340

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LOUISIANA - LHC-3 ETHYLENE

1991

% Production Specs Reviewed in Last Year	% Raw Materials With Specs	% Customers with Needs Established	Number of Excursions	% Excursions Investigated	Percent of Critical Variables Measured and Charted	% Analyzers on Calibration Program	% Variables with Process Capability Determined
43	50	41%	2	100	0	0	0

CRITERIA

PERFORMANCE

50	100	90	0	100	60	50	60
45	95	85	1	95	55	45	55
40	90	80	2	90	50	40	50
35	85	75	3	85	45	35	45
30	80	70	4	80	40	30	40
25	75	65	5	75	35	25	35
20	70	60	6	70	30	20	30
15	65	55	7	65	25	15	25
10	60	50	8	60	20	10	20
5	55	45	9	55	15	5	15
0	50	40	10	50	10	0	10

10
9
8
7
6
5
4
3
2
1
0

SCORE

8	0	0	8	10	0	0	0	SCORE
10	10	20	15	15	10	10	10	WEIGHT
80	0	0	120	150	0	0	0	VALUE

1ST QTR	2ND QTR	3RD QTR	4TH QTR
350			

INDEX

350