



Agenda

SPECIAL JOINT MEETING BETWEEN THE BOARD OF SUPERVISORS AD HOC COMMITTEE ON THE INDUSTRIAL SAFETY ORDINANCE AND THE COMMUNITY WARNING SYSTEM AND THE HAZARDOUS MATERIALS COMMISSION

Monday March 9, 2020

1:00 PM – 3:00 PM

Contra Costa County's District Attorney's Office Community Room
900 Ward Street
Martinez

Supervisor John Gioia, District I
Supervisor Federal Glover, District V

Agenda Items:

Items may be taken out of order based on the business of the day and preference of the Committee

1. Call to Order and Introductions
2. Public comment on any item under the jurisdiction of the Committee and not on this agenda (speakers may be limited to three minutes).

DISCUSSION

3. Background on the Industrial Safety Ordinance Safety Culture Assessment
Presenter: Cho Nai Cheung, Contra Costa Health Services
4. Presentations by the Industrial Safety Ordinance Facilities on their Safety Culture Assessments
Presenter: Representatives from Chevron, Phillips 66, Marathon, Martinez Refinery, Air Liquide, Air Products, Chemtrade
5. Adjournment

☺ *The ISO/CWS Ad Hoc Committee and the Hazardous Materials Commission will provide reasonable accommodations for persons with disabilities planning to attend Committee meetings. Contact the staff person listed below at least 72 hours before the meeting.*

📁 *Any disclosable public records related to an open session item on a regular meeting agenda and distributed by the County to a majority of members of the ISO/CWS Ad Hoc Committee less than 96 hours prior to that meeting are available for public inspection at 651 Pine Street, 10th floor, during normal business hours.*

✉ *Public comment may be submitted via electronic mail on agenda items at least one full work day prior to the published meeting time.*

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Glossary of Acronyms, Abbreviations, and other Terms (in alphabetical order):

Contra Costa County has a policy of making limited use of acronyms, abbreviations, and industry-specific language in its Board of Supervisors meetings and written materials. Following is a list of commonly used language that may appear in oral presentations and written materials associated with Board meetings:

AB	Assembly Bill	HCD	(State Dept of) Housing & Community Development
ABAG	Association of Bay Area Governments	HHS	Department of Health and Human Services
ACA	Assembly Constitutional Amendment	HIPAA	Health Insurance Portability and Accountability Act
ADA	Americans with Disabilities Act of 1990	HIV	Human Immunodeficiency Syndrome
AFSCME	American Federation of State County and Municipal Employees	HOV	High Occupancy Vehicle
AICP	American Institute of Certified Planners	HR	Human Resources
AIDS	Acquired Immunodeficiency Syndrome	HUD	United States Department of Housing and Urban Development
ALUC	Airport Land Use Commission	Inc.	Incorporated
AOD	Alcohol and Other Drugs	IOC	Internal Operations Committee
BAAQMD	Bay Area Air Quality Management District	ISO	Industrial Safety Ordinance
BART	Bay Area Rapid Transit District	JPA	Joint (exercise of) Powers Authority or Agreement
BCDC	Bay Conservation & Development Commission	Lamorinda	Lafayette-Moraga-Orinda Area
BGO	Better Government Ordinance	LAFCo	Local Agency Formation Commission
BOS	Board of Supervisors	LLC	Limited Liability Company
CALTRANS	California Department of Transportation	LLP	Limited Liability Partnership
CalWIN	California Works Information Network	Local 1	Public Employees Union Local 1
CalWORKS	California Work Opportunity and Responsibility to Kids	LVN	Licensed Vocational Nurse
CAER	Community Awareness Emergency Response	MAC	Municipal Advisory Council
CAO	County Administrative Officer or Office	MBE	Minority Business Enterprise
CCHP	Contra Costa Health Plan	M.D.	Medical Doctor
CCTA	Contra Costa Transportation Authority	M.F.T.	Marriage and Family Therapist
CDBG	Community Development Block Grant	MIS	Management Information System
CEQA	California Environmental Quality Act	MOE	Maintenance of Effort
CIO	Chief Information Officer	MOU	Memorandum of Understanding
COLA	Cost of living adjustment	MTC	Metropolitan Transportation Commission
ConFire	Contra Costa Consolidated Fire District	NACo	National Association of Counties
CPA	Certified Public Accountant	OB-GYN	Obstetrics and Gynecology
CPI	Consumer Price Index	O.D.	Doctor of Optometry
CSA	County Service Area	OES-EOC	Office of Emergency Services-Emergency Operations Center
CSAC	California State Association of Counties	OSHA	Occupational Safety and Health Administration
CTC	California Transportation Commission	Psy.D.	Doctor of Psychology
dba	doing business as	RDA	Redevelopment Agency
EBMUD	East Bay Municipal Utility District	RFI	Request For Information
EIR	Environmental Impact Report	RFP	Request For Proposal
EIS	Environmental Impact Statement	RFQ	Request For Qualifications
EMCC	Emergency Medical Care Committee	RN	Registered Nurse
EMS	Emergency Medical Services	SB	Senate Bill
EPSDT	State Early Periodic Screening, Diagnosis and Treatment Program (Mental Health)	SBE	Small Business Enterprise
et al.	et al (and others)	SWAT	Southwest Area Transportation Committee
FAA	Federal Aviation Administration	TRANSPAC	Transportation Partnership & Cooperation (Central)
FEMA	Federal Emergency Management Agency	TRANSPLAN	Transportation Planning Committee (East County)
F&HS	Family and Human Services Committee	TRE or TTE	Trustee
First 5	First Five Children and Families Commission (Proposition 10)	TWIC	Transportation, Water and Infrastructure Committee
FTE	Full Time Equivalent	VA	Department of Veterans Affairs
FY	Fiscal Year	vs.	versus (against)
GHAD	Geologic Hazard Abatement District	WAN	Wide Area Network
GIS	Geographic Information System	WBE	Women Business Enterprise
		WCCTAC	West Contra Costa Transportation Advisory Committee

SAFETY CULTURE ASSESSMENT

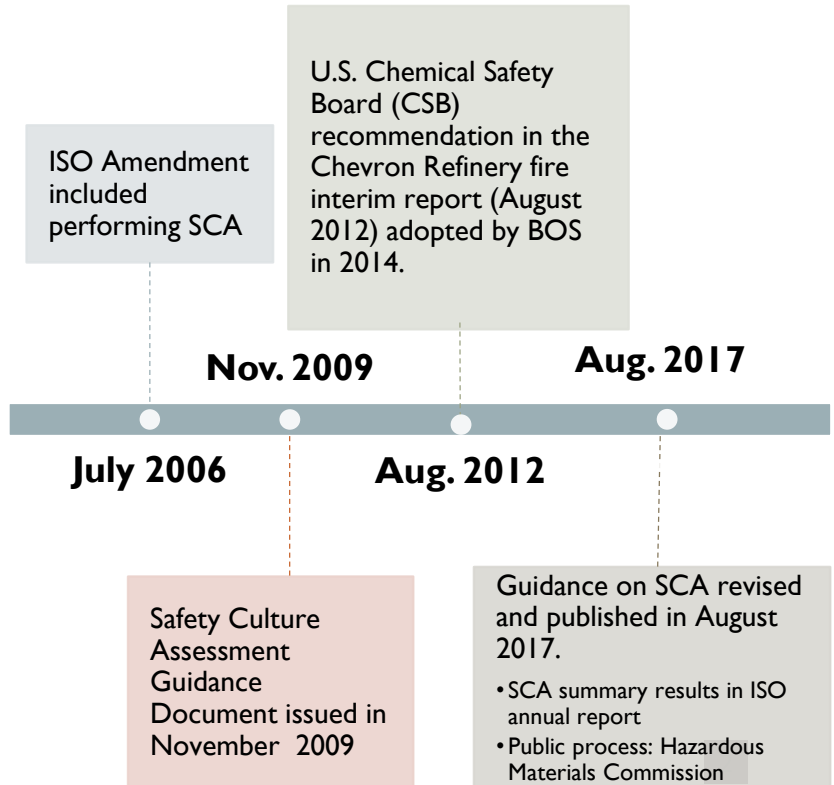
Contra costa county

Cho Nai Cheung

Accidental Release Prevention Engineer, Supervisor

SAFETY
CULTURE
ASSESSMENT

March 9, 2020



SAFETY
CULTURE
ASSESSMENT
(SCA) STATUS

FACILITY	DATE OF SCA	WORKFORCE COMMUNICATE	MID CYCLE SCA	METHOD
Air Liquide Large Industries	Sep-16	Nov-16	*Not Required	Written Survey
Air Products Shell	Jan-15	Apr-15	*Not Required	Written Survey
Air Products Marathon	Jan-15	Apr-15	*Not Required	Written Survey
Chemtrade Richmond	Aug-18	Sep-18	*Aug-19	Written Survey
Chevron	Sep-15	Jun-16	N/A	Focus Group
Phillip-66 Refinery	Apr-16	Jun-16	N/A	Written Survey
Shell Martinez Refinery	Dec-18	Apr-19	N/A	Written Survey
Tesoro Refinery (Marathon)	Sep-16	Mar-17	N/A	Written Survey



Chevron Richmond Refinery
Patricia Roberts-PSM Manager



Phillip-66 Rodeo Refinery
Morgan Walker - Process Safety Director



Marathon Petroleum Corporation

Sabina Gokcen - Manager Process Safety



Martinez Refining Company
Nicola Maher- Safety Manager



Rodeo SMR

Safety Culture Assessment

THIS DOCUMENT IS • External

• Rodeo, CA, • USA • • 09 Mar 2020

Dave Steffens • Air Liquide Large Industries

LARGE
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Rodeo SMR - Overview

13 Personnel
24*7*365 day operation
Products = H2, Steam, Power
Customer = Phillips 66 San Francisco Refinery



First Assessment:

- 9/22/2016
- 34 questions
- 20 respondents
- 90.2% positive
- Opportunities: Living HSE

Second Assessment:

- 11/2019 (Major Maintenance Turnaround)
- 34 questions
- 69 respondents
- 94% positive
- Opportunities: Recognition



Safety Programs & Practices

- Stop Work Authority
- Safety Observations
- Daily Safety Meetings
- Monthly Safety Meetings
- ALTEP - new employee training program
- Site Safety Champions
- Annual Emergency Action Drills

Martinez 2019 Safety Culture Assessment

Post-Assessment Review
Andrew Celin-Site Supervisor

March 3rd 2020

11

9 March 2020

Air Products Internal Use Only



The 2019 Survey

- Anonymous, Online survey via SurveyMonkey
- Total of 55 Questions in 5 Categories
 - Management Commitment & Leadership
 - Peer Perception and Accountability
 - Individual Performance & Accountability
 - Safety Program Performance
 - Process Safety
- Questions rated on Likert Scale
 - Strongly Agree/Yes = 1, Strongly Disagree/No = 5
 - Optional written comments for each question
- 4 Assessment Groups
 - Martinez Area Employees, APCI Field Support, Contractors, Customers
- Action Level is score >2.0 for Categories/Demographics

2019 Results

- **Total Responses** **46**
 - Area Employees 20 out of 21
95%
 - APCI Field Support 11 out of 17
64%
 - Contractors 14 (8 vendors)
 - Customers 1

- Overall Assessment Score/Grade 1.61

- Results by Employee Group
 - Martinez Area Employee 1.64
 - APCI Field Support 1.64
 - Contract Employee 1.47
 - Customer

Results Comparison

	2010	2015	2019	'15-'19 Change
Overall Score	1.80	1.72	1.61	-0.21
Peer Perception & Accountability	1.90	1.81	1.60	-0.20
Safety Program Performance	1.89	1.91	1.68	-0.23
Process Safety	1.82	1.61	1.66	+0.05
Management Commitment & Leadership	1.77	1.62	1.58	-0.04
Individual Performance & Accountability	1.64	1.66	1.51	-0.15

Actions & Summary

- Three Categories saw culture improvement since 2015
 - Peer Perception & Accountability
 - Safety Program Performance
 - Individual Accountability & Leadership
- Two Categories saw slight movement, no discernable shift
 - Management Commitment & Leadership
 - Process Safety
- No Categories or Demographics scored >2.0
- Actions Developed for Specific Questions which scored >2.0
 - Questions 16, 17, 21, 29, 37, 43
 - Comments on 11, 24, 45



Chemtrade Logistics - Richmond

PeopleFirst

Andrew Hornbeck-EH&S Supervisor
Safety Culture Assessment Overview





Questionnaire

- The site has developed a questionnaire that is given to all site employees and commonly used contractors
 - Anonymous
 - 6 different sections
 - Individual Commitment to Safety
 - Supervisor Commitment to Safety
 - Management Commitment to Safety
 - Group Commitment to Safety
 - Safety Program Effectiveness
 - Procedures, Equipment and Process Safety
 - 61 total questions
 - Each question is a statement, followed by different levels of agreement or disagreement
 - Each question has a comment section
 - Participation expectation for site employees set at 85%



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Answer Reviews

- Each question is given a score
 - 'Agree' and 'Strongly Agree' are scored as positives. 'Neither', 'Disagree' and 'Strongly Disagree' are scored as negatives
- Lowest scored questions are given action items
 - Action items are tracked to completion in the company database

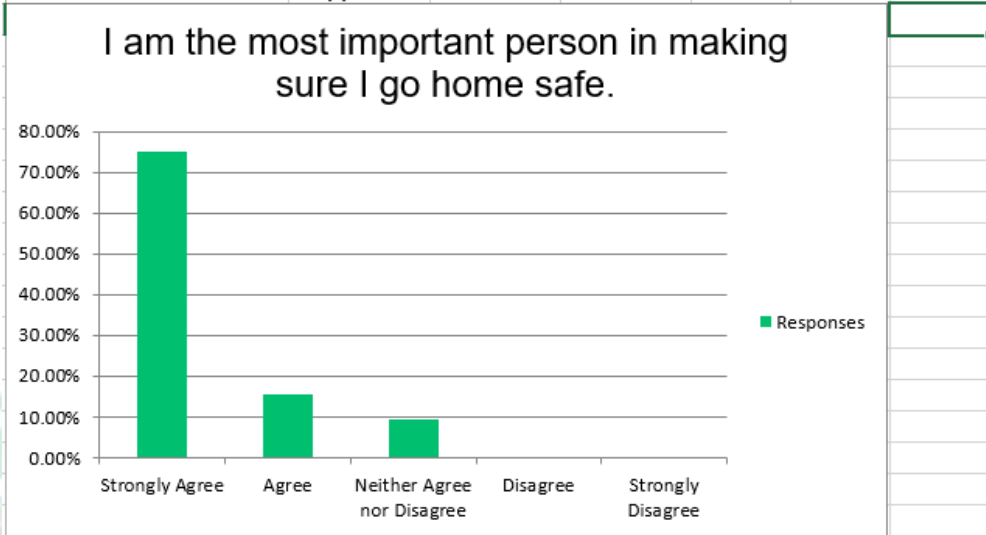


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Example

Safety Culture						
I am the most important person in making sure I go home safe.						
Answer Choices	Responses					
Strongly Agree	75.00%	24				
Agree	15.63%	5				
Neither Agree nor Disagree	9.38%	3				
Disagree	0.00%	0				
Strongly Disagree	0.00%	0				
Comments		1		Question Score		90.63%
	Answered	32				
	Skipped	1				





Communication

- Regional EHS Manager develops a summary and presents it to site management
 - Results are distributed to all site employees
 - E-mail
 - Face to face communication by supervisors
 - Posted on communication boards



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Tracking

- Metrics and action items are developed based on results
 - Tracked by the EHS group and Plant Manager
 - Action items are tracked to completion



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Questions & Answer