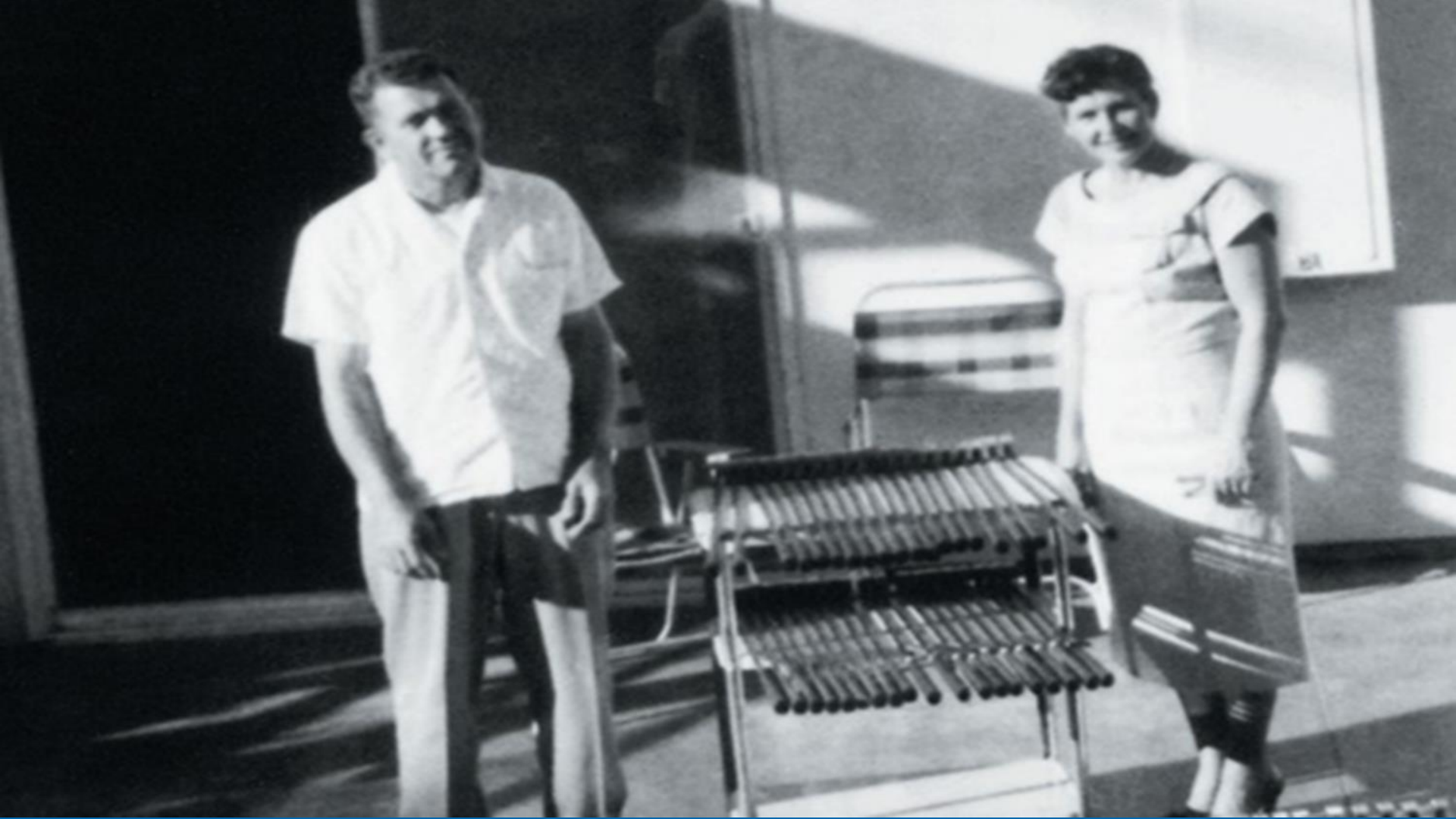




Arizona Environmental Strategic Alliance 2018 Member Annual Report





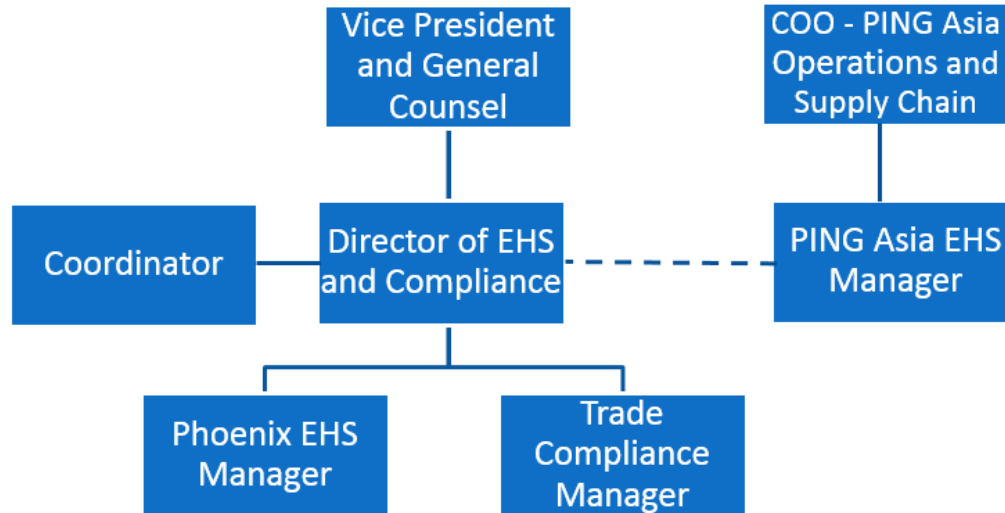


Google



PING USA

Compliance Organizational Chart



Conservation and Pollution Prevention

Programs to Reduce Energy Consumption

Objective: Reduce both electricity use and peak demand by 3% in one year

Risks:

1. Distribution Center
2. Increased Average Summer Temps
3. Product Launch

Opportunities:

1. HVAC and Lighting ~ 66% Use
2. Consolidation of wood and iron club assembly

Projects:

1. Replaced AC and Chiller Systems (Club Assembly) ~70,000 kWh savings
2. Fluorescent lamps to LED lighting (same lumens but less energy)

PING

Lighting Analysis – Option 2

58% Wattage Reduction

Existing Lighting

Type	Location	QTY	Wattage	On Dimmer?	Total Wattage	Lifetime (hrs)	Life in Lighting Months
32W 2-lamp T8 - Fluorescent 2x4 Troffer	Office	555	59	NO	32,745	20,000	55
32W 2-lamp T8 - Fluorescent 2x4 Troffer - Emergency	Office	117	59	NO	6,903	20,000	27
Totals		672			39,648		

Proposed Lighting

Type	Location	QTY	Wattage	On Dimmer?	Total Wattage	Lifetime (hrs)	Life in Lighting Months
Green Creative - 10.5W 2-lamp T8 - LED 4' Linear Lamp	Office	555	25	NO	13,875	50,000	137
Green Creative - 10.5W 2-lamp T8 - LED 4' Linear Lamp	Office	117	25	NO	2,925	50,000	68
Totals		672			16,800		

- **Long Life Span** – L70 Calculated 50K Hours
- **Light Quality** – 4000K color temp, maintains light color and consistency over the life of the fixture
- **Extremely Efficient** - 162 Lumens per Watt / 10.5w
- **Eco Friendly** - Contains no glass , harmful elements like mercury and 100% recyclable, Emits virtually no heat
- **Reliable** – No breakable parts, 5 year manufacturers warranty



Conservation and Pollution Prevention

Programs to Reduce Energy Consumption

Objective: Reduce both electricity use and peak demand by 3% in one year

Results:

1. Use increased 2%
2. Peak demand flat

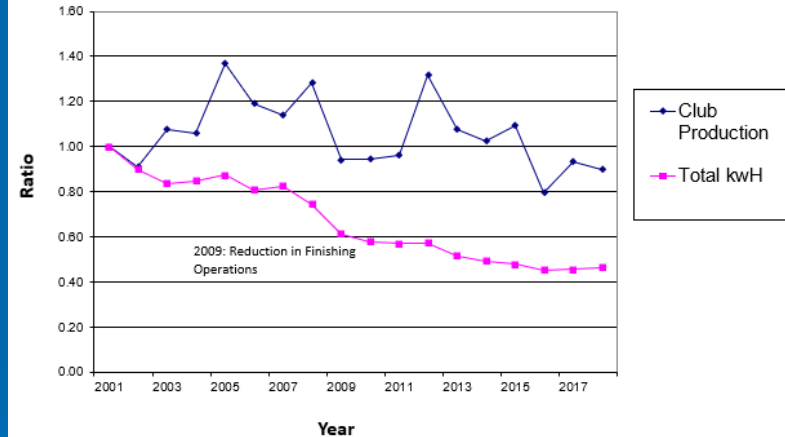
Factors (2017-2018):

1. 1.5 °F Ave Max Temp Increase (July)
2. 6% increase in hours worked
3. Increased headcount 4%

Conclusions:

1. Objective not met but planned improvements were implemented.
2. Making improvements but significant change needed to drive larger improvements – practical and/or cost effective?
3. In almost two decades: ~ 40% reduction in use.

Total kWh and Production Ratios Since 2001



Annual Solar ~ 8%
Generation

Conservation and Pollution Prevention

Implementation of a waste program or waste reuse practices

Objective: Reduce hazardous waste generation by 500 lbs/month and change HW Generator Status from a Large Quantity Generator to a Small Quantity Generator in 2 years.

Project: Solvent-Contaminated Wipes Rule (40 CFR § 261.4)

Provides hazardous waste conditional exclusion



Process:



1. Collected samples of wipes for assessment
2. Discussed internally with EHS Committee
3. Contacted ADEQ
 - a) Intent
 - b) Support
4. Worked with TSDF
5. Updated internal processes

Conservation and Pollution Prevention

Implementation of a waste program or waste reuse practices

Objective: Reduce hazardous waste generation by 500 lbs/month and change HW Generator Status from a Large Quantity Generator to a Small Quantity Generator in 2 years.

Solvent-Contaminated Wipes Rule (40 CFR § 261.4)

 ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY 
Douglas A. Ducey Governor Miguel Cabrera Director

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

July 13, 2018 REF: WICU18-110

PING
Attention: Robert Mills
2201 W. Desert Cove
Phoenix, AZ 85029

Subject: Approval of Solvent-Contaminated Wipe Conditional Exclusion

Dear Mr. Robert Mills:

The following is a response to PING's request for the approval of using EPA's conditional exclusion from hazardous waste for solvent-contaminated wipes. ADEQ has reviewed your assessment and is in agreement that your solvent-contaminated wipes meet the conditional exclusion under 40 CFR 261.4(b)(18) & AAC R18-8-261, with the exception of disposable solvent-contaminated wipes from the aerosol can collection drum (collected 2/22/2018). The analytical test results (dated 2/27/2018) from solvent-contaminated wipes in the aerosol can collection drum indicated the presence of trichloroethylene. Disposable solvent-contaminated wipes which contain the presence of trichloroethylene are considered hazardous waste and need to be managed as hazardous waste.

ADEQ approves PING's solvent-contaminated wipe conditional exclusion, with the exception of the aerosol can collection drum solvent-contaminated wipes, provided the following requirements outlined within 40 CFR 261.4(b)(18) are met:

- Wipes containing one or more F001-F005 listed solvents listed in 40 CFR 261.31 or the corresponding P- or U-listed solvents found in 40 CFR 261.33;
- Wipes may not contain listed hazardous waste other than solvents;
- Disposable wipes may not contain the presence of trichloroethylene (for reusable wipes only);
- Wipes must be accumulated, stored, and transported in non-leaking, closed containers that can contain free liquids, should they occur;
- Containers must be labeled "Excluded Solvent-Contaminated Wipes";
- Generators may accumulate wipes up to 180 days from the start date of accumulation prior to being sent for disposal;

Main Office
1100 W. Washington Street • Phoenix, AZ 85007
(602) 771-2300

Southern Regional Office
400 W. Congress Street • Suite 633 • Tucson, AZ 85701
(520) 628-6753

www.adeq.gov
printed on recycled paper



Conservation and Pollution Prevention

Implementation of a waste program or waste reuse practices

Objective: Reduce hazardous waste generation by 500 lbs/month and change HW Generator Status from a Large Quantity Generator to a Small Quantity Generator in 2 years.

Project: Investigate Alternative Disposal Options for PPE



Process:

1. Collected samples of PPE for assessment
2. Discussed internally with EHS Committee
3. Contacted ADEQ – P2
 - a) Intent
 - b) Support
4. Teamed with PPE vendor – due diligence
5. Updated internal processes

Conservation and Pollution Prevention

Implementation of a waste program or waste reuse practices

Objective: Reduce hazardous waste generation by 500 lbs/month and change HW Generator Status from a Large Quantity Generator to a Small Quantity Generator in 2 years.

Project: Investigate Alternative Disposal Options for PPE - GLOVES



RightCycle by Kimberly-Clark

Magnet Man®
Adams Manufacturing, Portersville, PA
Magnetic clip for holding papers, artwork, and photos

Patio Furniture

Recycling Bins

Storage Bins & Indoor/Outdoor Planters
Keter Plastics U.S.
Manufactured at three plant locations

RightCycle
by KIMBERLY-CLARK PROFESSIONAL

Sustainable
Center
Research
Univ
Urban

Byproduct
by U.S.
consumers

Conservation and Pollution Prevention

Implementation of a waste program or waste reuse practices

Objective: Achieve a 70% diversion rate of waste from landfill or incineration by 2022 (previous goal was 90%)





Wastes Home
Resource Conservation
Home

Wastes - Resource Conservation - Conservation Tools

You are here: [EPA Home](#) » [Wastes](#) » [Resource Conservation](#) » [Recycling Measurement](#) » [Resources](#) » Setting the Standard for Recycling Measurement

[Recycling Measurement](#) | [Guidance Document](#) | [Other Resources](#)

Setting the Standard for Recycling Measurement

*First published in Resource Recycling (September 1997).
Reprinted with permission from Resource Recycling.*

<https://archive.epa.gov/wastes/conserve/tools/recmeas/web/html/article1.html>

- 2017 Action Items
 - ✓ Map current state tracking waste
 - ✓ Common performance indicator and unit of measurement
 - ✓ Draft tracking tool
 - ✓ Initial baseline of 80%

Volume-to-Weight Conversion Factors
U.S. Environmental Protection Agency
Office of Resource Conservation and Recovery
April 2016

https://www.epa.gov/sites/production/files/2016-04/documents/volume_to_weight_conversion_factors_memorandum_04192016_508fnl.pdf

Conservation and Pollution Prevention

Implementation of a waste program or waste reuse practices

Objective: Achieve a 70% diversion rate of waste from landfill or incineration by 2022 (previous goal was 90%)

- 2018
 - ✓ Beta-tested new tracking tool
 - ✓ Trained users on tool
 - ✓ Validated tool
 - ✓ Revised baseline to 60%
 - ✓ Updated VESP documents
 - ✓ Updated P2 documents

Year	2018			
Row Labels	Weight (tons)	Weight (% of Total)	Items (Number)	Items (% of Total)
■ No - Not Diverted	318	40%	40	20%
Garbage	300	37.8%	24	11.7%
Non-Hazardous Waste	17.283	2.18%	3	1.46%
Hazardous Waste	0.495	0.06%	10	4.88%
Medical Waste	0.008	0.00%	2	0.98%
TSCA Waste	0.005	0.00%	1	0.49%
■ Yes - Diverted	477	60%	165	80%
Used Oil	22	2.7%	14	6.8%
Non-Hazardous Waste	440.302	55.43%	118	57.56%
Hazardous Waste	4.197	0.53%	12	5.85%
Excluded Hazardous Waste	7.416	0.93%	12	5.85%
Electronics	1.8555	0.23%	3	1.46%
Universal Waste	0.894	0.11%	6	2.93%
Grand Total	794	100%	205	100%

Conservation and Pollution Prevention

Implementation of a waste program or waste reuse practices

Objective: Achieve a 70% diversion rate of waste from landfill or incineration by 2022 (previous goal was 90%)

Opportunities



Challenges



Education and Mentoring

Mentoring other organizations regarding process improvements and pollution prevention approaches and techniques



- Presentation @ 14th Annual Gatekeeper



- Facility Tour and Improvements



Optimize Your EMS to Support Chemical and Waste Management

October 30, 2018

Matt Conway, CHMM, CSP



- P2 Tour with Sustainability Interns

Education and Mentoring

Creating or participating in any program that enhances the goal of improving the organizations relationship to the environment, beyond that expected by regulatory requirement



**Platinum Level
CHARTER MEMBER**

CERTIFICATE OF RECOGNITION

PING, INC.

SUPERIOR COMPLIANCE HISTORY

For your commitment to continuous environmental improvement through the use of environmental management systems, pollution prevention, resource conservation measures, public outreach and community involvement that exceed statutory requirements, and contribute to a cleaner, more livable community and environment.




MISAEI CABRERA
Director

11/13/2018

DATE



Organizational Environmental Policies

EMS and Audit Program

Identification/Risk Factors	Information
KPIs (per Department/Process)	
Process	(e.g.) Task Completion
UOM	(e.g.) Due Date
Threshold	(e.g.) On Time
Historical Performance - Corrective Actions	
2015 CA	# of CA (if any)
2016 CA	# of CA (if any)
2017 CA	# of CA (if any)
Historical Performance - Field	
Detractors	Top 3 (if any)
EHS Required?	(Y/N)
Previous Audit	
2015	(Y/N)
2016	(Y/N)
2017	(Y/N)
Audit?	
2018	(Y/N)

Process Monitoring / Measurements – Key Performance Indicators / Trends.

Dept. KPI's

Timely Closure of Regulatory Tasks
Zero Environmental Notices of Violation or Safety Citations
Zero Regulatory Audit Findings

Corporate KPI's

Performance of EHS Objectives

- KPI's In Control?
- Standardized Reviews (e.g. EHS, training, document/record control, calibration, interviews, etc.)

Organizational Environmental Policies

Implementing a policy requiring vendors to meet the member's environmental requirements.

PING[®]

Notice to Contractors, Suppliers and Licensees

PING is committed to being the unquestioned leader in innovation, design, service and quality while providing an enjoyable environment for employees that allows them to fulfill their potential. PING expects its Contractors, Suppliers and Licensees, and any of their subcontractors and suppliers (collectively "CSL"), to share PING's commitment to the highest levels of product excellence and social responsibility.

PING expects its CSLs to foster respect for people, promote social responsibility, create a healthy and safe workplace, encourage environmental stewardship and achieve product excellence.

PING will continue to work cooperatively with its CSLs to ensure its standards are fully implemented. Any CSL that wishes to establish and/or maintain a business relationship with PING shall agree to be bound by PING's Code of Conduct ("Code").

PING[®]

Código de Conducta

PING[®]

Notice to Contractors, Suppliers and Licensees
給承包商, 供應商以及持照者之公告

PING[®]

Thông báo đến Nhà thầu, Nhà cung cấp và Bên được cấp phép

PING[®]

Pemberitahuan kepada Kontraktor, Pemasok, dan Pemegang Lisensi

Organizational Environmental Policies

Implementing a policy requiring vendors to meet the member's environmental requirements.



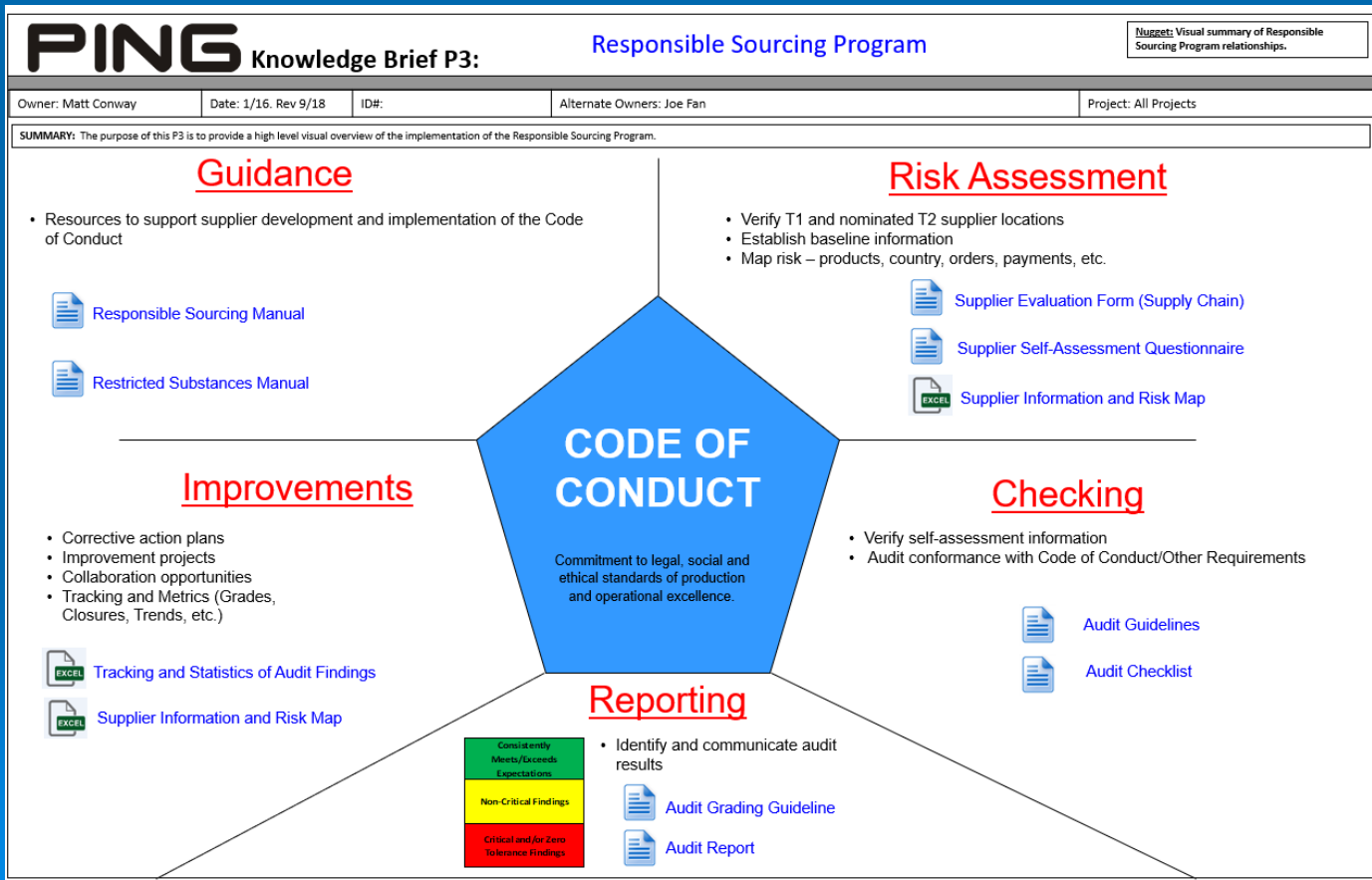
RESTRICTED SUBSTANCE MANUAL

Substance	Plastics and other synthetic materials PU, PVC, Rubber, TPU, TPR, EVA, Foam, Natural/Synthetic Blends	Textiles and fabric from natural fibers	Textiles and fabric from synthetic fibers	Textiles – Natural and Synthetic Blends	Paint, Coating, Surface Prints, Inks, Adhesives	Natural Leather and Coated Leather	Metal Parts	Packages and Packaging Material
Metals (Cd, Pb, and Hg) – Add Cr, As, Cu for infant products.	•				•	•	•	•
Nickel (prolonged contact with skin)							•	
Chromium VI						•		•
Phthalates	•				•	• (coated leather only)		

***All products must meet the requirements of the PING Restricted Substance Program (RSP). The most recent version of the PING RSP is located at <http://www.ping.com> or a copy can be obtained by contacting csrreports@ping.com. All items called out in PING PRDS documents are to meet or exceed the minimum requirements established in the PING RSP. Supplier should sign, date, and return the PRDS to PING and the signed PRDS constitutes acceptance of the PING RSP. Any Supplier substitutions, materials changes, or changes in the source for any materials must be approved in advance and must meet the requirements of the PING RSP. Conformance with the PING RSP is in addition to the PING Code of Conduct, supplier agreements, contracts, engineering and quality standards, and any other applicable laws or regulations.

Organizational Environmental Policies

Implementing a policy requiring vendors to meet the member's environmental requirements.



Other Topics to Report

Include any potentially adverse matters concerning your environmental performance

(No Adverse Matters)



- Inspection



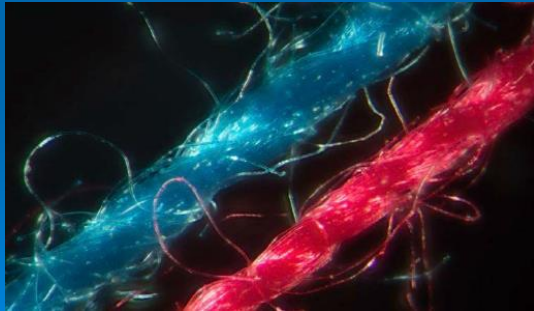
- CSR Program Disclosures and Questionnaires

Other Topics to Report

(Trends)



- Sustainable Packaging



- Microfibers



- Increasing Restrictions



- France Duty of Vigilance Law
- Netherlands Child Labour Due Diligence Law
- UK Modern Slavery Act
- Australian Modern Slavery Act
- California Transparency in Supply Chains Act

THANK YOU

