

2022 MIDWEST DAMAGE PREVENTION TRAINING CONFERENCE

PSMS – Safety Culture and Safety Culture Indicators

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French Lick, Indiana



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SESSION TOPICS



**What is PSMS
and Safety
Culture?**



**Why is Safety
Culture
Important?**



**Who is
Impacted by
Safety
Culture?**



**Indicators of
Safety Culture?**



PSMS Background



- Driven by major incidents in 2010
- NTSB Recommends Development SMS
- API RP-1173 Published July 2015
- Generally Accepted Across Industry



What is PSMS?



- A holistic framework of safety related practices
- Provides Management Tools that:
 - Help reveal and manage risk
 - Promote a learning environment
 - Continuously improve pipeline safety
- Environment and Practices supportive of a Positive Safety Culture



Elements of API RP-1173 (PSMS)



1. **Leadership and Management Commitment**
2. **Stakeholder Engagement**
3. **Risk Management**
4. **Operational Controls**
5. Incident Investigation, Evaluation, Lessons Learned
6. Safety Assurance
7. Management Review and Continuous Improvement
8. Emergency Preparedness and Response
9. Competence, Awareness, and Training
10. Documentation and Record Keeping



What is Safety Culture?

The collective set of attitudes, values, norms, beliefs & practices operator's employees & contractor personnel share with respect to risk & safety.

Or the glue that holds it all together.



Safety culture is Everything.



Intentional Safety
Decisions



Stop Work Authority



See Something, Say
Something



Safety culture is everything. And **more**.



Proactively
Consider Risk



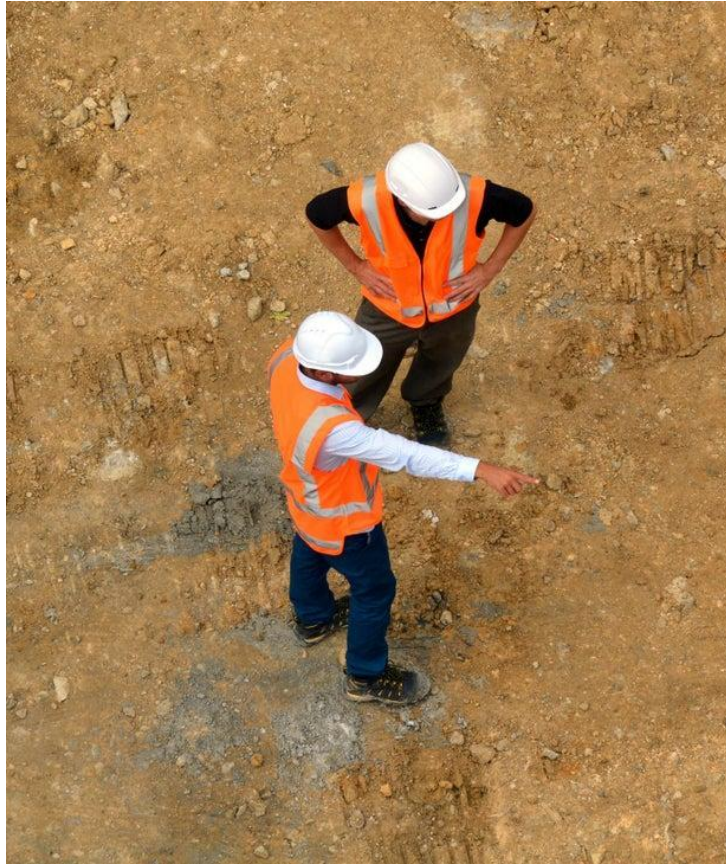
Dropping Blame
& Shame



Embrace Lessons
Learned



Positive Safety Culture is When:



*Employees..... **SEE SOMETHING**
They..... **SAY SOMETHING**
Management... **DOES SOMETHING***



Why is Safety Culture Important?

Without a positive safety culture, employees may still ignore or disregard risks and the controls in place to prevent or mitigate them.



Why is Safety Culture Important?

A *positive* safety culture influences diligence and intentionality regarding risk, thereby reducing human error or failure to follow procedures, which oftentimes leads to incidents.



Safety Culture Indicators

Positive

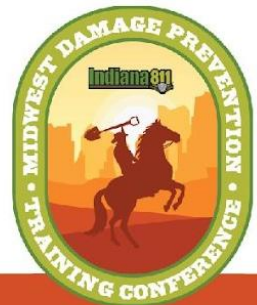
- Safety Priority
- Accountability
- Empowerment & Ownership
- Communication/Transparency
- Procedural Compliance
- Employee Satisfaction
- Inspires, Enables, & Nurtures Change When Necessary
- Promotes a Questioning & Learning Environment
- Encourages Non-Punitive Reporting

Negative

- Complacency
- Fear of Reprisal
- Overconfidence
- Normalization of Deviance
- Tolerance of Inadequate Systems and Resources
- Production Pressure



Stop Work Authority



What Were They Thinking???



Who is Impacted by Safety Culture?



Everyone!





QUESTION:
**Why Should Operators Engage
their Contractors with PSMS
and Safety Culture?**

ANSWER:
**Because Operators are Only as
Good as their Worst
Contractor!**

See Something, Say Something

KPIs & PDCA

Safety Culture
Assessments

**Job Site Safety
Exchanges**

Safety Seminars

***Competence, Awareness
& Training (OQ)***

***Emergency Preparedness
operational controls***

Contract Terms &
Conditions
Records

***Pre-Job
Briefs***

HOW DO OPERATORS GET CONTRACTORS INVOLVED?

**Onboarding &
Accountability**

**Awareness
Training**

SMS: QA/QC
Programs & Audits

***Contractor Gap
Analyses***

***EDUCATION
LEVEL***

**Risk
Assessment**

Lessons Learned

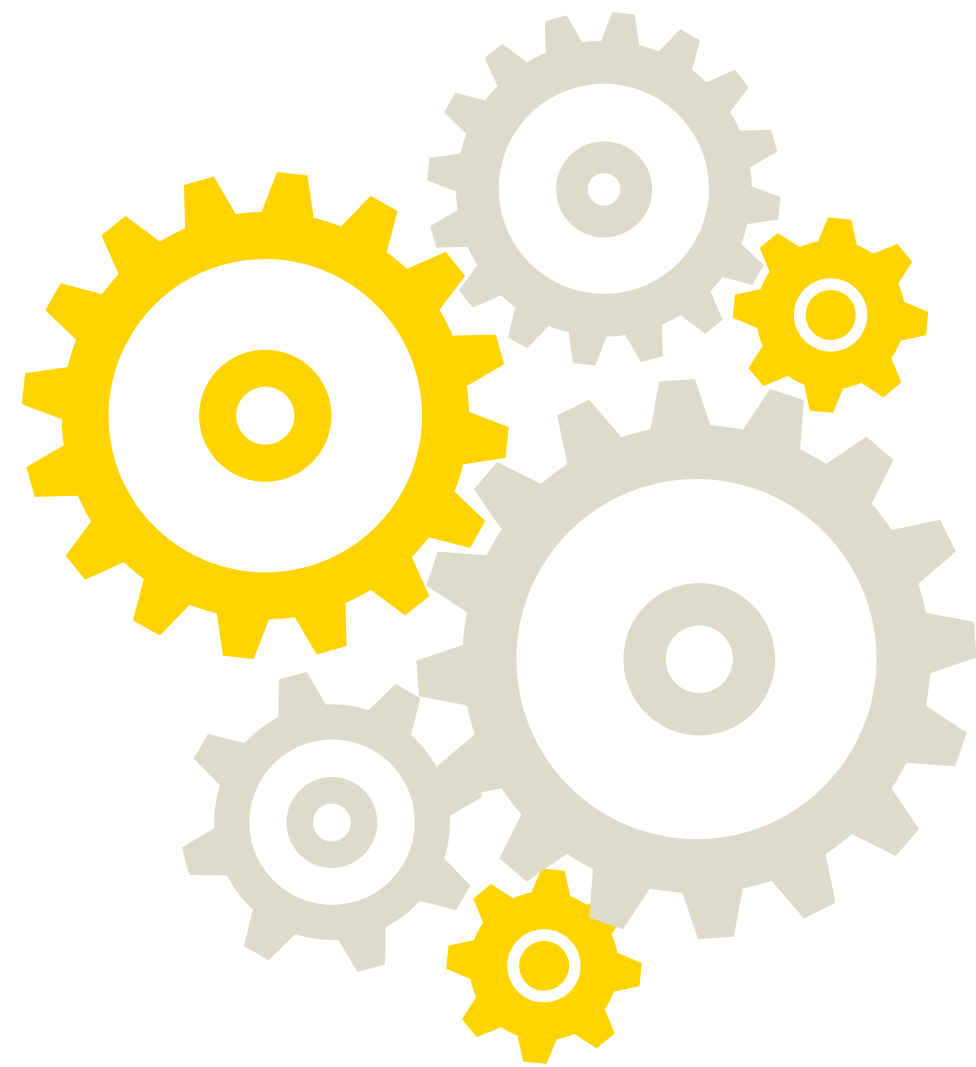


Organizational Behavior/Group Dynamics



Any

questions?
If no, a simple nod of approval or thumbs up will do.



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