Story 7 of 9 — Regulation

EPA proposes extending some TCE worker-safety deadlines to end-2027

اکتبر ۲۰۲۶ · وضعیت صحت: ۱۴ — *EPA* گزارشِ پیش‌نویس، *J.J. Keller* و *Safety+Health Magazine*: منبع
در محیط پژوهش باز نشد و پیش از انتشار، *Federal Register* دو منبع ثانویهٔ مستقل هم‌نظرند؛ سند (تأییدشده
https://www.safetyandhealthmagazine.com/epa-proposal-would-extend-some-worker-uses-of-toxic-trichloroethylene/ :لینک · (دستی باز شود



Figure 1 — news photograph for story 7 (generated from the improved pack prompt; stories 5–9 carry the aixhse.ir signature).

From the editors

Regulatory stories are usually dry. This one is not, for thousands of workers who handle an industrial solvent every day. The EPA has proposed giving some users more time to comply with its TCE rule — more time to do the job properly, provided the extra time does not become endless delay.

The news

The US Environmental Protection Agency has proposed extending certain compliance deadlines in its trichloroethylene (TCE) rule from 18 December 2026 to 31 Decemb

2027 for some uses. TCE is a chlorinated solvent used in degreasing and processing; the rule restricts its use to protect workers. The proposal is not yet final: until it is finalised, the earlier deadlines remain in force, and a comment period applies.

What do the numbers say?

Derived calculation: 18 December 2026 to 31 December 2027 is exactly 378 days — a little more than a full year. That is a real planning horizon for substituting the substance, buying closed-loop equipment and training workers. But remember: this is a proposal, not a final rule, and the old deadline still stands until finalisation.

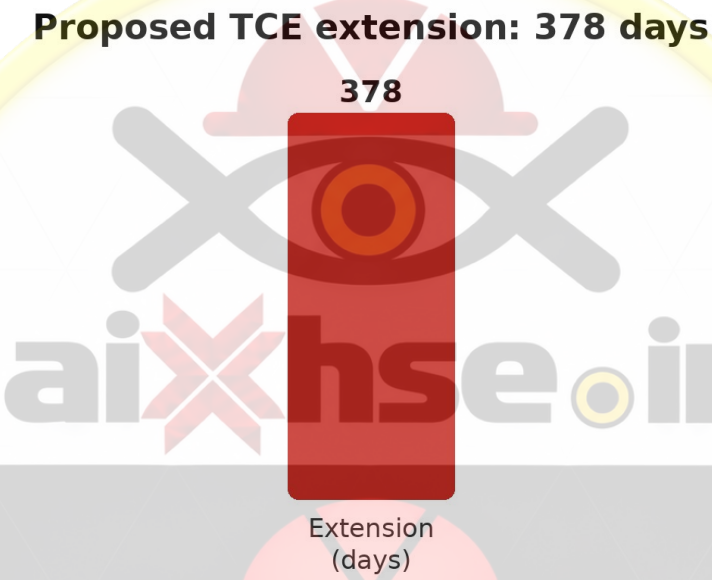


Figure 2 — chart/diagram for story 7, built from the story's own numbers.

Analysis

- "Extension" means extended time to comply, not extended exposure: the goal is proper substitution and controls, not permission to keep old practice.
- The hierarchy still applies: engineering controls and ventilation first, then work practice, then PPE — never the reverse.
- Substitution planning needs the full horizon: identifying uses, testing alternatives, and retraining take months, which is what 378 days are for.
- Record-keeping is part of compliance: monitoring, maintenance and training must be dated and provable at inspection.
- Two independent secondary sources reported the proposal; the Federal Register document itself should still be checked by hand before republication.

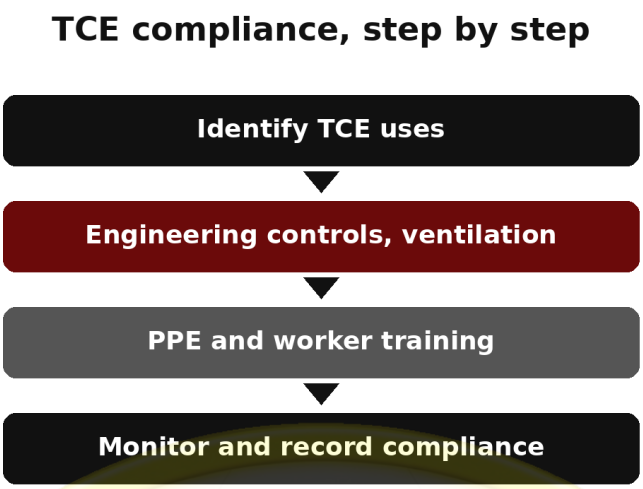


Figure 3 — flowchart for story 7.

What it means for Iran and aixhse.ir

Our message to employers and workers handling chlorinated solvents, in Iran and elsewhere, is clear: do not wait for the final rule before starting. Review uses, ventilation and training today, because an extended deadline is not an extended hazard. At aixhse.ir, our chemical-safety simulators train the same order: identify first, engineer second, PPE last.

Practical table

Step	Action
List TCE uses	Where, how much, and in which process is TCE used?
Prioritise engineering controls	Local exhaust ventilation and closed-loop systems before masks.
Train workers	Cover hazards, symptoms and emergency action.
Record compliance	Date monitoring, maintenance and training for inspection.

Limits of the story

This is a proposal, not a final rule. Writing “extended” as if it were already decided would be wrong, and the single-source comment deadline was deliberately left out of this article.

Original source: منبع: *Safety+Health Magazine* و *J.J. Keller*، گزارشِ پیش‌نویس *EPA* — ۱۴ اکتبر ۲۰۲۶ · وضعیت در محیط پژوهش باز نشد و پیش از *Federal Register* دو منبع ثانویهٔ مستقل هم‌نظرند؛ سند) صحت: تأییدشده (انتشار، دستی باز شود · لینک: *https://www.safetyandhealthmagazine.com/epa-proposal-would-extend-some-worker-uses-of-toxic-trichloroethylene/* · *Explanation and republication: https://aixhse.ir*

Calculation method: percentages and averages come from the story’s own numbers with basic arithmetic; they are not new claims. Publisher: https://aixhse.ir