

CLAIMS

1. A temporary addition or injection system installed without the need for civil work comprising:

one or more silos mounted on a trailer;

one or more transfer pots, the one or more transfer pots sit upon one or more load cells; and

one or more control systems,

wherein the one or more transfer pots and the one or more control systems are either

(a) directly or indirectly connected to the one or more silos mounted on the trailer or

(b) mounted adjacent to the one or more silos mounted on the trailer.

2. The temporary addition or injection system of claim 1, wherein the one or more silos are mounted on the trailer in a horizontal position.

3. The temporary addition or injection system of claim 1, wherein the one or more silos are mounted on the trailer in a vertical position.

4. The temporary addition or injection system of claim 1, wherein the one or more silos has a volume capacity of about 30 ft³ to about 2000 ft³.

5. A method of installing a temporary addition or injection system at a work-site, the method comprising the steps of:

(i) mounting one or more silos on a trailer;

(ii) mounting one or more transfer pots and one or more control systems on the trailer;

(iii) transporting the one or more silos, the one or more transfer pots, and the one or more control systems on the trailer to the work-site;

(iv)(a) self-erecting the one or more silos to stand vertically on the trailer at the work-site or (iv)(b) dismounting the one or more silos at the work-site;

(v) connecting the one or more silos to a unit or system at the work-site via the one or more transfer pots, wherein the one or more silos are (A) pre-filled with material before step (i) or (B) filled with material after step (i); and

(vi) utilizing load cells for measuring the amount of material entering and leaving the

one or more transfer pots which are positioned on the load cells.

6. The method of claim 5, wherein in step (ii) the one or more transfer pots and the one or more control systems are either

- (a) directly or indirectly connected to the one or more silos mounted on the trailer or
- (b) mounted adjacent to the one or more silos mounted on the trailer.

7. The method of claim 5, wherein (iv)(a) further comprises standing the self-erected one or more silos vertically and directly above the one or more transfer pots and the one or more control systems.

8. The method of claim 9 further comprising:

(vii) injecting the material from the one or more transfer pots into a unit or system at the work-site.

9. The method of claim 8, wherein step (vi) further comprises utilizing compressed gas for injecting the material into the unit or system at the work-site.

10. The method of claim 9, wherein the compressed gas is air, nitrogen, helium, neon, argon, krypton, xenon, radon, and mixtures thereof.

11. The method of claim 5, wherein the one or more transfer pots uniformly mixes the material.

12. The method of claim 5, wherein the material is solid, semi-solid, liquid, or gas.

13. The method of claim 12, wherein the material is a catalyst, a co-catalyst, an additive, or mixtures thereof.

14. The method of claim 8, wherein the unit or system at the work-site is a fluid catalytic cracking unit.

15. A method of injecting material from a temporary addition or injection system into a unit or system at a work-site, the method comprising the steps of:

- (i) transporting one or more silos, one or more transfer pots, and one or more control

systems mounted on a trailer to the work-site;

(ii)(a) self-erecting the one or more silos to stand vertically on the trailer at the work-site or (ii)(b) dismounting the one or more silos at the work-site;

(iii) connecting the one or more silos to the unit or system at the work-site via the one or more transfer pots;

(iv) injecting the material from the one or more transfer pots into the unit or system at the work-site; and

(v) utilizing load cells for measuring the amount of material entering and leaving the one or more transfer pots which are positioned on the load cells.

16. The method of claim 15, wherein the one or more silos are (A) pre-filled with material before step (i) or (B) filled with material after step (i).