## **CHIMNEY PROBLEM CHECKLIST**

Name:	
Location:	
Address: S Citv: S	
City: S	tate: Zip Code:
often results from moisture penetration. Because chimney highly vulnerable to the elements. Proper design, works exteriors are critical to the safety and performance of n chimneys are encountered, the cause/s must be determined.	rs require special attention to prevent costly damage, which is project above the roofline, they are completely exposed an manship, materials, and occasional maintenance of chimner hasonry chimney systems. When leaking or water damage and before steps to correct the conditions are undertaken. The doto satisfactorily recondition the chimney system. Repair ong-lasting and properly functioning chimney system.
Were suitable materials used for base flashing and counter flashing? Is flashing bent, missing?     No Not applicable (NA) to this structure  Specific condition	8. Are mortar joints water resistant, such as concave or V joints? Flush or raked joints almost always cause leaking or water permeance problems.  □ Yes □ No □ N/A to this structure Specific condition
2. Are the flashing's lap joints sealed?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition	9. Are mortar joints missing, loose or eroded? ☐ Yes ☐ No ☐ N/A to this structure Specific condition
3. Are there problems up roof from the flashing that cause leaking, i.e., potential leaks from valleys, crickets, improperly flashed vents, gutters or downspouts.  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition	10. Are there cracks in the brick or spalled bricks?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition ————————————————————————————————————
4. Are mortar joints well filled? Vertical head joints should receive particular attention as they are often improperly filled during the original construction.  ☐ Yes ☐ No ☐ N/A to this structure Specific condition	11. Are there stains or efflorescence on the chimney? When excessive moisture from either condensation or rain exits the system, the soluble salts or minerals are left on the surface.  ☐ Yes ☐ No ☐ N/A to this structure Specific condition
5. Have small separations or cracks developed where mortar joins the masonry units?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition	12. Are there vents in the cavity areas or masonry chases surrounding the liner?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition
6. Were incompatible mortar mixes used that resulted in a poor suction bond, between the unit masonry and mortar?  □ Yes □ No □ N/A to this structure  Specific condition	13. Is there excessive moisture in the flue gasses from an improperly vented or sized appliance?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition
7. Are mortar joints too wide, which may be causing leakage? Thinner joints are less likely to cause leakage.  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition	14. Are there vines or other excessive plant growth on the masonry? This can be a sign of excessive moisture in the system. Plants such as Ivy can weaken mortar joints.  ☐ Yes ☐ No ☐ N/A to this structure Specific condition

15. Is there excessive darkening or visible moisture present in the masonry for several days after a rainfall?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition	25. Are drips provided on the crown's underside? ☐ Yes ☐ No ☐ N/A to this structure Specific condition
16. Are there damp musty odors in the firebox or the basement clean out?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition	26. Is there a rain cover/flue cap covering the flue?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition
17. Are there eroded firebrick and/or mortar joints in the firebox?  Yes No N/A to this structure  Specific condition	27. Are flue tiles cracked or damaged? Are mortar joints between tiles missing?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition
18. Are damper casings rusty, moisture in the ash or creosote deposits on the smoke shelf?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition	28. Are there any cracks in the chimney foundation due to settlement or faulty design?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition
19. Are there any exterior corbels or ledges against mortar joints where water can collect or pond, and subsequently seep into the wall system?  ☐ Yes ☐ No ☐ N/A to this structure	29. Is there dampness or moisture rising up the chimney wall by capillary suction from ground water?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition
20. Is the chimney terminated on top with a mortar wash? Mortar washes are the most common and least	30. Is there sufficient slope or drainage away from the chimney foundation?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition
effective chimney crowns. The top of a masonry chimney warrants close attention to prevent moisture penetration.  Yes No N/A to this structure  Specific condition	31. When water is applied to the visibly dry masonry, does it disappear or soak into the system within a few seconds?  ☐ Yes ☐ No ☐ N/A to this structure Specific condition
21. Are there cracks in the crown wash?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition	©2002 SaverSystems
22. Is there an expansion joint or a flexible sealant between the crown and the flue tile?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition	Company:
23. Is there sufficient slope in the crown?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition	Phone: Place business card here and photocopy.
24. Does the crown project past the exposed chimney?  ☐ Yes ☐ No ☐ N/A to this structure  Specific condition	