$(B\ \rho) \longrightarrow B$ [ρ-bool]

$(N\ \rho) \longrightarrow N$ [ρ-num]

$(CH\ \rho) \longrightarrow CH$ [ρ-str]

$(O\ \rho) \longrightarrow O$ [ρ-op]

$((M_1\ M_2)\ \rho) \longrightarrow ((M_1\ \rho)\ (M_2\ \rho))$ [ρ-app]

((mlet (X) = M_1 in M_2) ρ) $\longrightarrow$ (mlet (X) = $(M_1\ \rho)$ in $(M_2\ \rho)$) [ρ-let]

$(X\ \rho) \longrightarrow W$ [ρ-x]

where lookup7$[\![\rho, X, W]\!]$

$(X\ \rho) \longrightarrow$ nameerror [ρ-xErr]

where predicado1$[\![\rho, X]\!]$

$(((\lambda\ (X)\ M)\ \rho)\ W) \longrightarrow (M$ ext$[\![\rho, (X\ W)]\!])$ [app]

$((X_1\ \rho_1)\ W_2) \longrightarrow (W_1\ W_2)$ [app13]

where lookup6$[\![\rho_1, X_1,$ fun$, W_1]\!]$

$(OB\ (X_2\ \rho_2)) \longrightarrow W_2$ [δB1]

where lookup6$[\![\rho_2, X_2,$ bool$, W_1]\!]$, δB$[\![(OB\ \ W_1), W_2]\!]$

$(ON\ (X_2\ \rho_2)) \longrightarrow W_2$ [δN1]

where lookup6$[\![\rho_2, X_2,$ num$, W_1]\!]$, δN$[\![(ON\ W_1), W_2]\!]$

$(OB\ B) \longrightarrow W_1$ [δB]

where δB$[\![(OB\ B), W_1]\!]$

$(ON\ N) \longrightarrow W_1$ [δN]