

Employee	Compensation	Elective contributions	Actual deferral ratio
P	40,000	0	0
Q	30,000	0	0
R	5,000	0	0
S	20,000	0	0

(iii) The elective contributions alone do not satisfy the ADP test of section 401(k)(3) and paragraph (a)(1) of this section because the ADP for the HCEs, consisting of employees M and N, is 2.5% and the ADP for the NHCEs is 0.6%.

(iv) The 2% QNECs satisfies the timing requirement of paragraph (a)(6)(i) of this section because it is paid within 12-month after the plan year for which allocated. All nonelective contributions also satisfy the requirements relating to section 401(a)(4) set forth in paragraph (a)(6)(ii) of this section (because all employees receive an 8% nonelective contribution and the nonelective contributions excluding the QNECs is 6% for all employees). In addition, the QNECs are not disproportionate under paragraph (a)(6)(iv) of this section because no QNEC for an NHCE exceeds the product of the plan's applicable contribution rate (2%) and that NHCE's compensation.

(v) Because the rules of paragraph (a)(6) of this section are satisfied, the 2% QNECs may be taken into account in applying the ADP test of section 401(k)(3) and paragraph (a)(1) of this section. The 6% nonelective contributions, however, may not be taken into account because they are not QNECs.

(vi) If the 2% QNECs are taken into account, the ADP for the HCEs is 4.5%, and the actual deferral percentage for the NHCEs is 2.6%. Because 4.5% is not more than two percentage points greater than 2.6 percent, and not more than two times 2.6, the cash or deferred arrangement satisfies the ADP test of section 401(k)(3) under paragraph (a)(1)(ii) of this section.

Example 5. (i) The facts are the same as *Example 4*, except the plan uses the prior year testing method. In addition, the NHCE ADP for the 2005 plan year (the prior plan year) is 0.8% and no QNECs are contributed for the 2005 plan year during 2005 or 2006.

(ii) In 2007, it is determined that the elective contributions alone do not satisfy the ADP test of section 401(k)(3) and paragraph (a)(1) of this section for 2006 because the 2006 ADP for the eligible HCEs, consisting of employees M and N, is 2.5% and the 2005 ADP for the eligible NHCEs is 0.8%. An additional QNEC of 2% of compensation is made for each eligible NHCE in 2007 and allocated for 2005.

(iii) The 2% QNECs that are made in 2007 and allocated for the 2005 plan year do not

satisfy the timing requirement of paragraph (a)(6)(i) of this section for the applicable year for the 2005 plan year because they were not contributed before the last day of the 2006 plan year. Accordingly, the 2% QNECs do not satisfy the rules of paragraph (a)(6) of this section and may not be taken into account in applying the ADP test of section 401(k)(3) and paragraph (a)(1) of this section for the 2006 plan year. The cash or deferred arrangement fails to be a qualified cash or deferred arrangement unless the ADP failure is corrected under paragraph (b) of this section.

Example 6. (i) The facts are the same as *Example 4*, except that the ADP for the HCEs is 4.6% and there is no 6% nonelective contribution under the plan. The employer would like to take into account the 2% QNEC in determining the ADP for the NHCEs but not in determining the ADP for the HCEs.

(ii) The elective contributions alone fail the requirements of section 401(k) and paragraph (a)(1) of this section because the HCE ADP for the plan year (4.6%) exceeds 0.75% ($0.6\% \times 1.25$) and 1.2% ($0.6\% \times 2$).

(iii) The 2% QNECs may not be taken into account in determining the ADP of the NHCEs because they fail to satisfy the requirements relating to section 401(a)(4) set forth in paragraph (a)(6)(ii) of this section. This is because the amount of nonelective contributions, excluding those QNECs that would be taken into account under the ADP test, would be 2% of compensation for the HCEs and 0% for the NHCEs. Therefore, the cash or deferred arrangement fails to be a qualified cash or deferred arrangement unless the ADP failure is corrected under paragraph (b) of this section.

Example 7. (i) The facts are the same as *Example 6*, except that Employee R receives a QNEC in an amount of \$500 and no QNECs are made on behalf of the other employees.

(ii) If the QNEC could be taken into account under paragraph (a)(6) of this section, the ADP for the NHCEs would be 2.6% and the plan would satisfy the ADP test. The QNEC is disproportionate under paragraph (a)(6)(iv) of this section, and cannot be taken into account under paragraph (a)(6) of this section, to the extent it exceeds the greater of 5% and two times the plan's representative contribution rate (0%), multiplied by Employee R's compensation. The plan's representative

contribution rate is 0% because it is the lowest applicable contribution rate among a group of NHCEs that is at least half of all NHCEs, or all the NHCEs who are employed on the last day of the plan year. Therefore, the QNEC may be taken into account under the ADP test only to the extent it does not exceed 5% times Employee R's compensation (or \$250) and the cash or deferred arrangement fails to satisfy the ADP test and must be corrected under paragraph (b) of this section.

Example 8. (i) The facts are the same as in *Example 4* except that the plan changes from the current year testing method to the prior year testing method for the following plan year (2006 plan year). The ADP for the HCEs for the 2006 plan year is 3.5%.

(ii) The 2% QNECs may not be taken into account in determining the ADP for the NHCEs for the applicable year (2005 plan year) in satisfying the ADP test for the 2006 plan year because they were taken into account in satisfying the ADP test for the 2005 plan year. Accordingly, the NHCE ADP for the applicable year is 0.6%. The elective contributions for the plan year fail the requirements of section 401(k) and paragraph (a)(1) of this section because the HCE ADP for the plan year (3.5%) exceeds the ADP limit of 1.2% (the greater of 0.75% ($0.6\% \times 1.25$) and 1.2% ($0.6\% \times 2$)), determined using the applicable year ADP for the NHCEs. Therefore, the cash or deferred arrangement fails to be a qualified cash or deferred arrangement unless the ADP failure is corrected under paragraph (b) of this section.

Example 9. (i)(A) Employer N maintains Plan X, a profit sharing plan that contains a cash or deferred arrangement and that uses the current year testing method. Plan X provides for employee contributions, elective contributions, and matching contributions. Matching contributions on behalf of nonhighly compensated employees are qualified matching contributions (QMACs) and are contributed during the 2005 plan year. Matching contributions on behalf of highly compensated employees are not QMACs, because they fail to satisfy the nonforfeiture requirement of § 1.401(k)-1(c). The elective contributions and matching contributions with respect to HCEs for the 2005 plan year are shown in the following table:

	Elective contributions	Total matching contributions	Matching contributions that are not QMACs	QMACs
Highly compensated employees	15%	5%	5%	0%

(B) The elective contributions and matching contributions with respect to the

NHCEs for the 2005 plan year are shown in the following table: