MSG No. 26.74 P_Amc2_1 [Type IV, orthorhombic]

Table 1: Wyckoff site: `2a`, site symmetry: `mm'2'`

No.	position	mapping
1	$\left[0,\ \frac{3}{4},\ z\right]$	`[1,3,6,8]`
2	$\left[0,\ \frac{1}{4},\ z+\frac{1}{2}\right]$	`[2,4,5,7]`

Table 2: Wyckoff site: `2b`, site symmetry: `mm'2'`

No.	position	mapping
1	$\left[\frac{1}{2},\ \frac{3}{4},\ z\right]$	`[1,3,6,8]`
2	$\left[\frac{1}{2},\ \frac{1}{4},\ z+\frac{1}{2}\right]$	`[2,4,5,7]`

Table 3: Wyckoff site: `4c`, site symmetry: `.m'.`

No.	position	mapping
1	$\left[x,\ \frac{3}{4},\ z\right]$	`[1,8]`
2	$\left[-x,\ \frac{1}{4},\ z+\frac{1}{2}\right]$	`[2,7]`
3	$\left[-x,\ \frac{3}{4},\ z\right]$	`[3,6]`
4	$\left[x,\ \frac{1}{4},\ z+\frac{1}{2}\right]$	`[4,5]`

Table 4: Wyckoff site: `4d`, site symmetry: `m..`

No.	position	mapping
1	$[0,\ y,\ z]$	`[1,3]`
2	$\left[0,\ -y,\ z+\frac{1}{2}\right]$	`[2,4]`
3	$\left[0,\ y+\frac{1}{2},\ z+\frac{1}{2}\right]$	`[5,7]`
4	$\left[0,\ \frac{1}{2}-y,\ z\right]$	`[6,8]`

Table 5: Wyckoff site: `4e`, site symmetry: `m..`

No.	position	mapping
1	$\left[\frac{1}{2},\ y,\ z\right]$	`[1,3]`
2	$\left[\frac{1}{2},\ -y,\ z+\frac{1}{2}\right]$	`[2,4]`
3	$\left[\frac{1}{2},\ y+\frac{1}{2},\ z+\frac{1}{2}\right]$	`[5,7]`
4	$\left[\frac{1}{2},\ \frac{1}{2}-y,\ z\right]$	`[6,8]`

Table 6: Wyckoff site: `8f`, site symmetry: `1`

No.	position	mapping
1	$[x,\, y,\, z]$	`[1]`
2	$\left[-x,\, -y,\, z+\frac{1}{2}\right]$	`[2]`
3	$[-x,\, y,\, z]$	`[3]`
4	$\left[x,\, -y,\, z+\frac{1}{2}\right]$	`[4]`
5	$\left[x,\, y+\frac{1}{2},\, z+\frac{1}{2}\right]$	`[5]`
6	$\left[-x,\, \frac{1}{2}-y,\, z\right]$	`[6]`
7	$\left[-x,\, y+\frac{1}{2},\, z+\frac{1}{2}\right]$	`[7]`
8	$\left[x,\, \frac{1}{2}-y,\, z\right]$	`[8]`